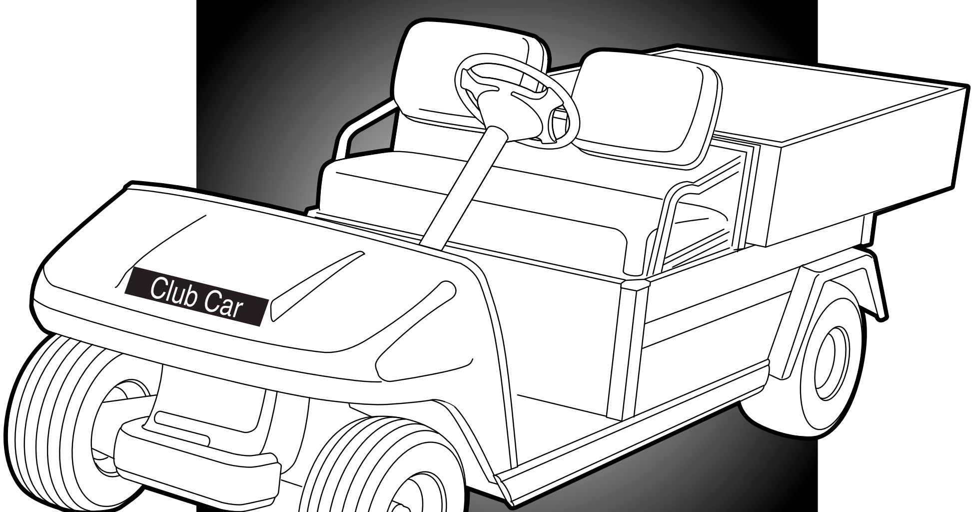
Club Car®

2001-2003 ILLUSTRATED PARTS LIST



**TURF 1, TURF 2, TURF 2 XRT,
TURF 6, CARRYALL 1, CARRYALL 2
CARRYALL 2 PLUS,
CARRYALL 2 XRT, CARRYALL 6
GASOLINE/ELECTRIC
UTILITY VEHICLES**

MANUAL NUMBER 102189902
EDITION CODE 1202E0704D

USING THE ILLUSTRATED PARTS LIST

⚠ WARNING

- **This manual is to be used only for identification and ordering of service parts. Be sure to read and use the maintenance and service manual before attempting any vehicle repairs.**

This manual covers all 2001, 2002, and 2003 Carryall® 1, Carryall 2, Carryall 2 XRT, Carryall 2 Plus, and Carryall 6 vehicles; and Turf 1, Turf 2, Turf 2 XRT, and Turf 6 (gasoline only) vehicles.

The manual is divided into 16 sections. Sections 1 through 5 pertain to both gasoline and electric vehicles, sections 6 through 11 pertain to gasoline vehicles only, sections 12 through 15 pertain to electric vehicles only, and section 16 pertains to tools that are used on all Club Car products. Note that there are two or three flags on the outside edge of each page. The first flag contains the section number of which that page is a part. The other flag (or flags) contains either the letter G or E, signifying that the page pertains to either the gaoline or electric vehicles only, or to both the gasoline and electric vehicles.

Use the Table of Contents to find the sections and pages that contain the parts and assemblies you seek. The Table of Contents lists section numbers, and under them, the individual page titles and numbers to be found in that section. The index can be used to find specific parts and assemblies. The index is divided into numerical and alphabetical listings with the page numbers in italic text.

There is a two-page spread for each individual page title in the Table of Contents. On the left-hand page is an illustration showing the parts in their relative positions; the parts are each tagged with an item number in a balloon. The right-hand page is the parts list page, and gives the page title at the top, then the item numbers (corresponding to the numbers on the illustration), part descriptions, and quantity of parts used. Some item numbers have more than one part number because several configurations of a component are represented together on one spread.

There are some wiring diagrams in this manual that cover two pages. For these diagrams the parts list page will be on the next two-page spread.

Note that a part description may be indented. This indention corresponds to a parts assembly level indicated by the numbers 1, 2, 3, and 4 at the top left corner of the parts description area of the parts list page. A part that is indented to *level 2* is a component of the *level 1* part (assembly) that it is listed under. A *level 3* part is a component of the *level 2* part that it is listed under, and a *level 4* part is a component of the *level 3* part preceding it. In each case, the part quantity given for a level 2, 3, or 4 part *is the quantity used per next higher level assembly of which it is a component.* A part that is not indented is a *level 1* part. This means that the quantity given is the quantity used per the portion of the vehicle illustrated on that particular spread.

HOW TO ORDER PARTS

Replacement parts and accessories can be obtained from our network of authorized dealers and distributors. You can obtain the name and phone number of your closest Club Car contact by visiting our web site at www.clubcar.com and clicking on the "*Distributor Search*" link or by calling our toll-free Service Parts and Technical Assistance hotline at (800) 872-2246 or (706) 863-3000, extension 3281 or 3854.

Club Car®

P. O. Box 204658
Augusta, Georgia 30917-4658 USA
Telephone 706-863-3000
Service Parts Fax 706-855-7413
www.clubcar.com

NOTE: *This illustrated parts list represents the most current information at the time of publication. Club Car, Inc. is continually working to further improve its vehicles and other products. These improvements may affect the parts used to service the vehicle. Any modification and/or significant change in specifications will be forwarded to all Club Car and Carryall distributors/dealers and will, when applicable, appear in future editions of this illustrated parts list.*

Club Car, Inc. reserves the right to change specifications and designs at any time without notice and without incurring the obligation of making changes to units previously sold.

This manual effective October 2, 2000.

The tables below highlight the differences between Turf and Carryall vehicles. Use these tables as a guide when ordering parts for your vehicle.

For a complete list of vehicle specifications, refer to the vehicle's owner's manual or maintenance and service manual.

SPECIFICATIONS	Turf 1 Gasoline	Turf 1 Electric	Turf 2 Gasoline	Turf 2 XRT Gasoline	Turf 2 Electric	Turf 6 Gasoline
Engine: FE290	•					
Engine: FE350			•	•		•
Key switch: key-start						
Key switch: pedal-start	•	•	•	•	•	•
Brakes: 2-wheel, self-adjusting	•	•				
Brakes: 2-wheel, manually-adjusting			•			
Brakes: 4-wheel, manually-adjusting			•	•	•	•
Suspension: Front mono-leaf and rear multi-leaf springs	•	•	•	•	•	•
Headlights only			•	•	•	
Standard light package						•
Differential guard	•	•	•		•	•

SPECIFICATIONS	Carryall 1 Gasoline	Carryall 1 Electric	Carryall 2 Gasoline	Carryall 2 XRT Gasoline	Carryall 2 Electric	Carryall 2 Plus Gasoline	Carryall 6 Gasoline	Carryall 6 Electric
Engine: FE290	•							
Engine: FE350			•	•		•	•	
Key switch: key-start				•		•	•	
Key switch: pedal-start	•	•	•		•			•
Brakes: 2-wheel, self-adjusting	•	•						
Brakes: 2-wheel, manually-adjusting			•					
Brakes: 4-wheel, manually-adjusting			•	•	•	•	•	•
Suspension: Front mono-leaf and rear multi-leaf springs	•	•	•	•	•	•		•
Suspension: Front and rear multi-leaf springs							•	
Headlights only				•				
Standard light package							•	•
Differential guard				•				

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SECTION 1 – BODY AND TRIM

SECTION 2 – WHEELS AND TIRES

SECTION 3 – DECALS

SECTION 4 – BRAKES, PEDAL, AND CABLE ASSEMBLIES

SECTION 5 – STEERING, FRONT AND REAR SUSPENSION

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SECTION 13 – ELECTRIC MOTOR

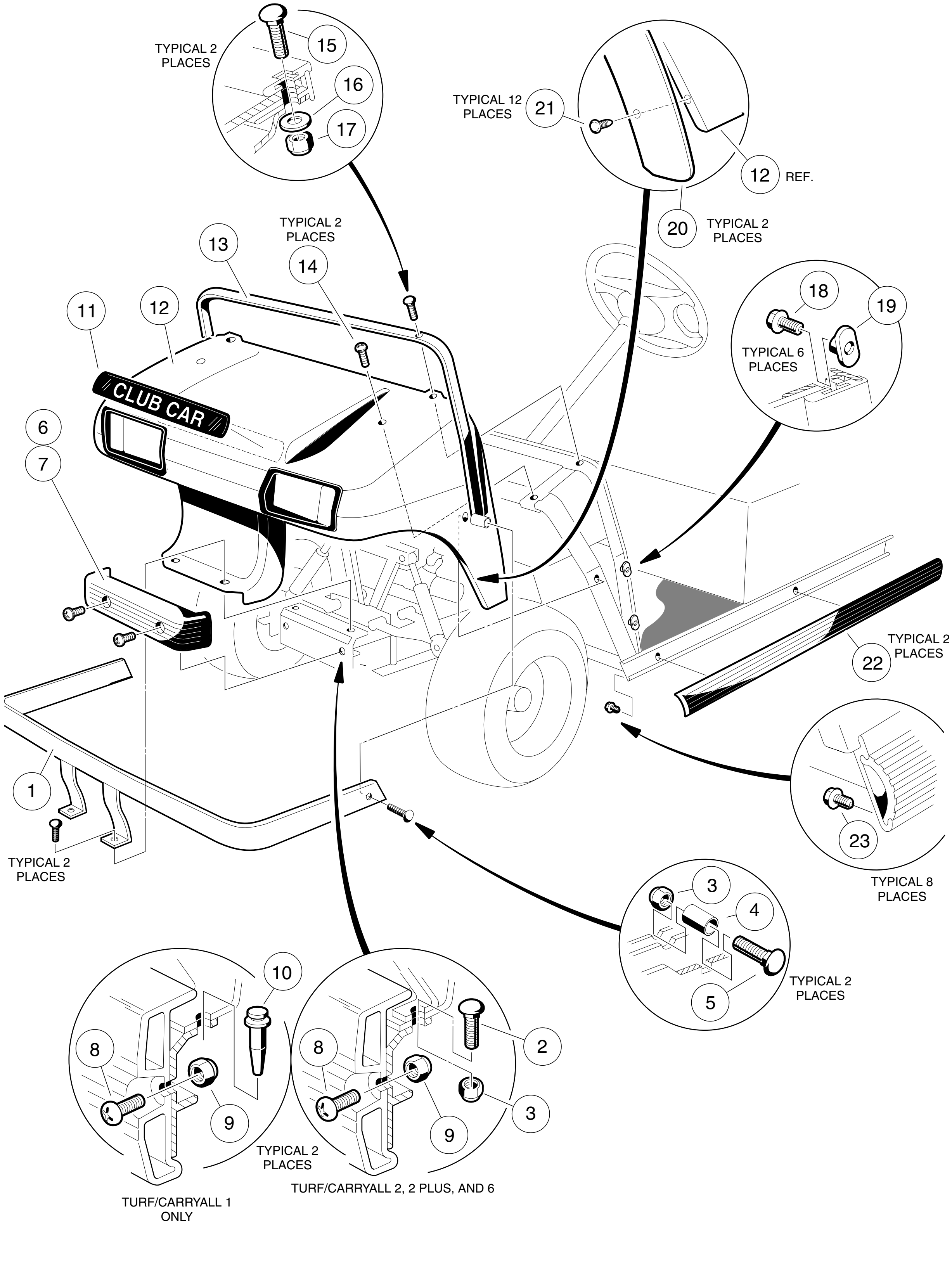
SECTION 14 – TRANSAXLE – ELECTRIC VEHICLE

SECTION 15 – BATTERY CHARGER

SECTION 16 – MAINTENANCE AND SERVICE TOOLS

SECTION i – INDEX

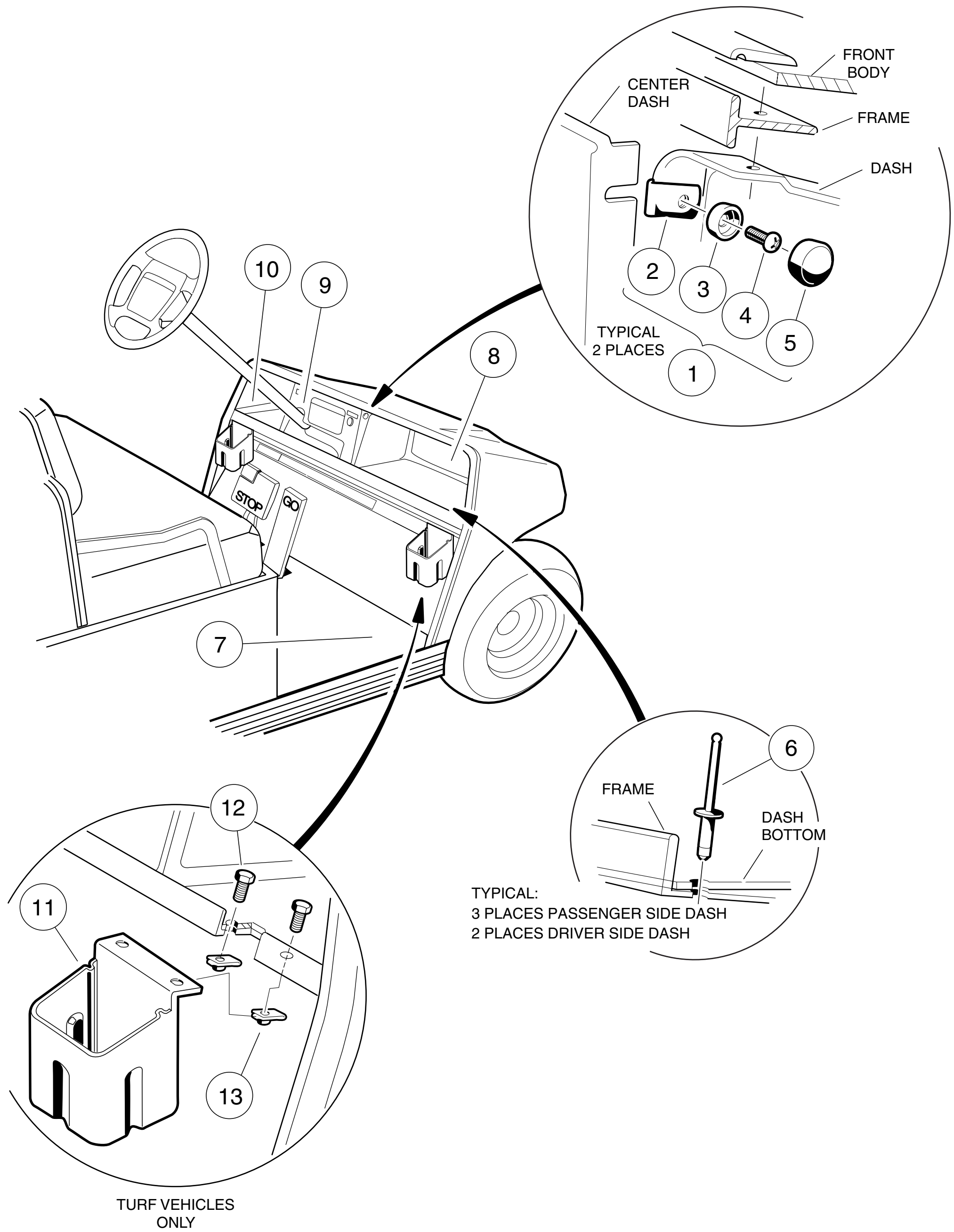
BODY AND TRIM


TYPICAL 2 PLACES
15
16
17
TYPICAL 12 PLACES
21
12 REF.
20
TYPICAL 2 PLACES
TYPICAL 2 PLACES
13
14
11
12
CLUB CAR
18
19
TYPICAL 6 PLACES
6
7
TYPICAL 2 PLACES
22
1
23
TYPICAL 2 PLACES
TYPICAL 8 PLACES
3
4
5
TYPICAL 2 PLACES
10
8
9
2
8
3
9
TYPICAL 2 PLACES
TURF/CARRYALL 2, 2 PLUS, AND 6
TURF/CARRYALL 1 ONLY

FRONT BODY AND TRIM – TURF/CA 1, 2, 2 PLUS, AND 6

1
G
E

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101734802	Kit, Heavy Duty Bumper (includes items 2 - 5) (except Carryall 1)	1	1
2	1010435	Bolt, Carriage, 5/16-18 x 1	2	2
3	7473	Nut, Nylon Lock, 5/16-18	4	4
4	1010546	Spacer	2	2
5	1015405	Bolt, Carriage, 5/16-18 x 2	2	2
6	1017080	Kit, Front Bumper (includes items 7 - 10)	1	1
7	1016868	Bumper, Front	1	1
8	7251	Screw, Phillips Truss-Head, 5/16-18 x 1	2	2
9	7473	Nut, Nylon Lock, 5/16-18	2	2
10	1016967	Rivet, Blind Push Type	2	2
11	101670201	Nameplate, Club Car (silver)	1	1
12	101692510	Body, Front – Dark Green (Turf 1)	1	1
12	101692514	Body, Front – Dark Gray (Carryall 1 and 2)	1	1
12	101692501	Body, Front – Beige	1	1
12	101692502	Body, Front – White	1	1
12	101692506	Body, Front – Red	1	1
12	101692509	Body, Front – Royal Blue (Pacific Blue)	1	1
12	101692511	Body, Front – Black	1	1
12	101692512	Body, Front – Classic Blue (Navy)	1	1
12	101692513	Body, Front – Burgundy	1	1
12	101692515	Body, Front – Safety Yellow	1	1
12	101693909	Body, Front with Headlight Opening – Dark Green (Turf 2 and 6)	1	1
12	101693913	Body, Front with Headlight Opening – Dark Gray (Carryall 6 only)	1	1
12	101693901	Body, Front with Headlight Opening – Beige	1	1
12	101693902	Body, Front with Headlight Opening – White	1	1
12	101693906	Body, Front with Headlight Opening – Red	1	1
12	101693908	Body, Front with Headlight Opening – Royal Blue (Pacific Blue)	1	1
12	101693910	Body, Front with Headlight Opening – Black	1	1
12	101693911	Body, Front with Headlight Opening – Classic Blue (Navy)	1	1
12	101693912	Body, Front with Headlight Opening – Burgundy	1	1
12	101693914	Body, Front with Headlight Opening – Safety Yellow	1	1
13	1011014	Trim, Front Body	1	1
14	7251	Screw, Phillips Truss-Head, 5/16-18 x 1	2	2
15	1010435	Bolt, Carriage, 5/16-18 x 1	2	2
16	1241	Washer, Flat, 5/16	2	2
17	7473	Nut, Nylon Lock, 5/16-18	2	2
18	1011017	Screw, Flange Lock	6	6
19	1011394	Nut, Slab Base “T” (package of 4)	1	1
20	101870401	Extrusion, Fender (vehicles with four-wheel brakes)	2	2
21	1010434	Barrel, Plastic (vehicles with four-wheel brakes)	12	12
22	1013983	Trim, Bumper Guard Side (Turf/Carryall 1)	2	2
22	1013985	Trim, Bumper Guard Side (Turf/Carryall 2, Carryall 2 Plus)	2	2
22	1016711	Trim, Bumper Guard Side (Turf/Carryall 6)	2	2
23	1012047	Screw, Self-Tapping, #8-32 x 3/8	8	8

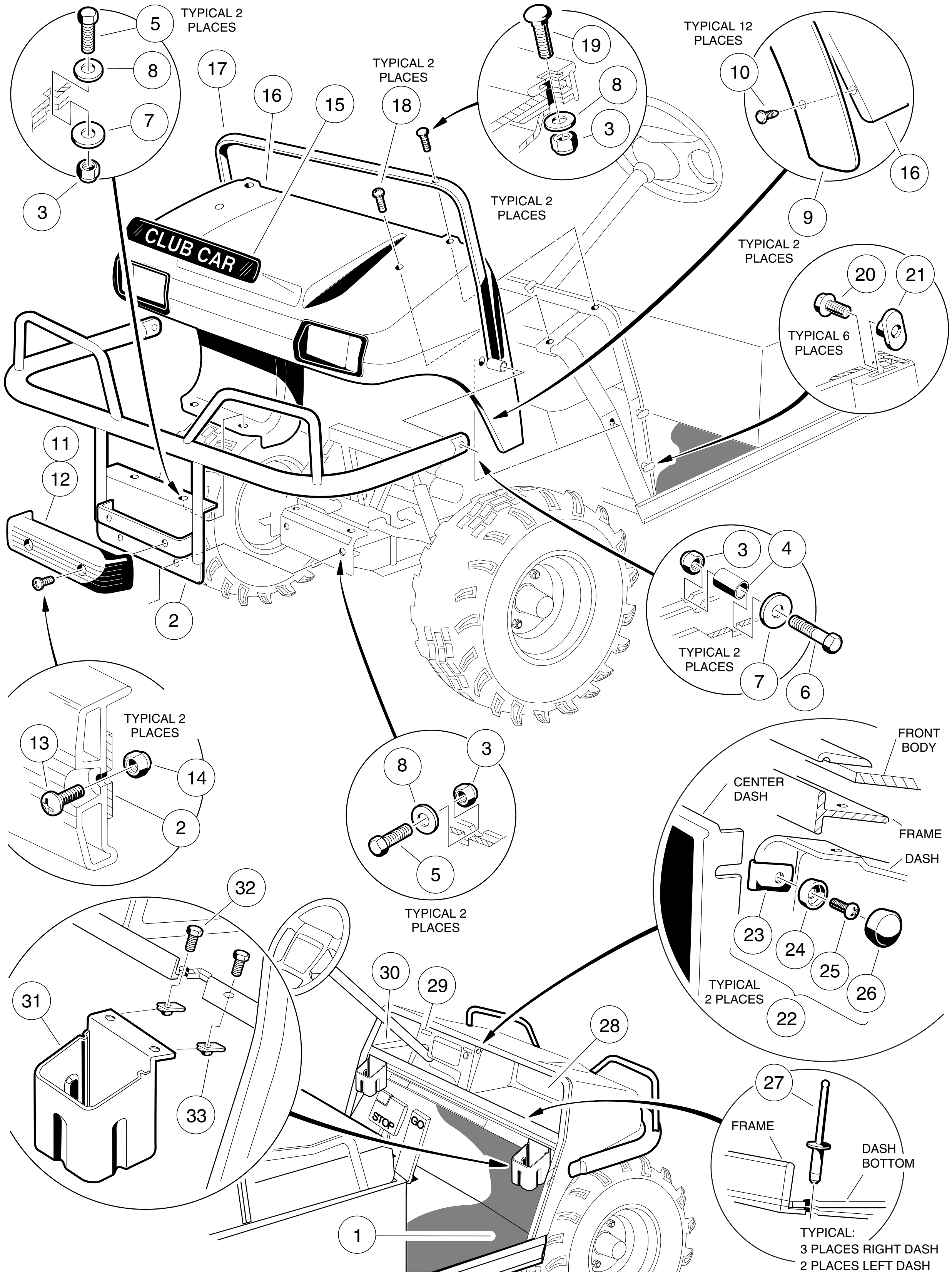

FRONT BODY
CENTER DASH
FRAME
DASH
1
2
3
4
5
TYPICAL 2 PLACES
6
7
8
9
10
11
12
13
STOP
GO
FRAME
DASH BOTTOM
TYPICAL:
3 PLACES PASSENGER SIDE DASH
2 PLACES DRIVER SIDE DASH
TURF VEHICLES ONLY

DASH COMPONENTS – TURF/CA 1, 2, 2 PLUS, AND 6

1
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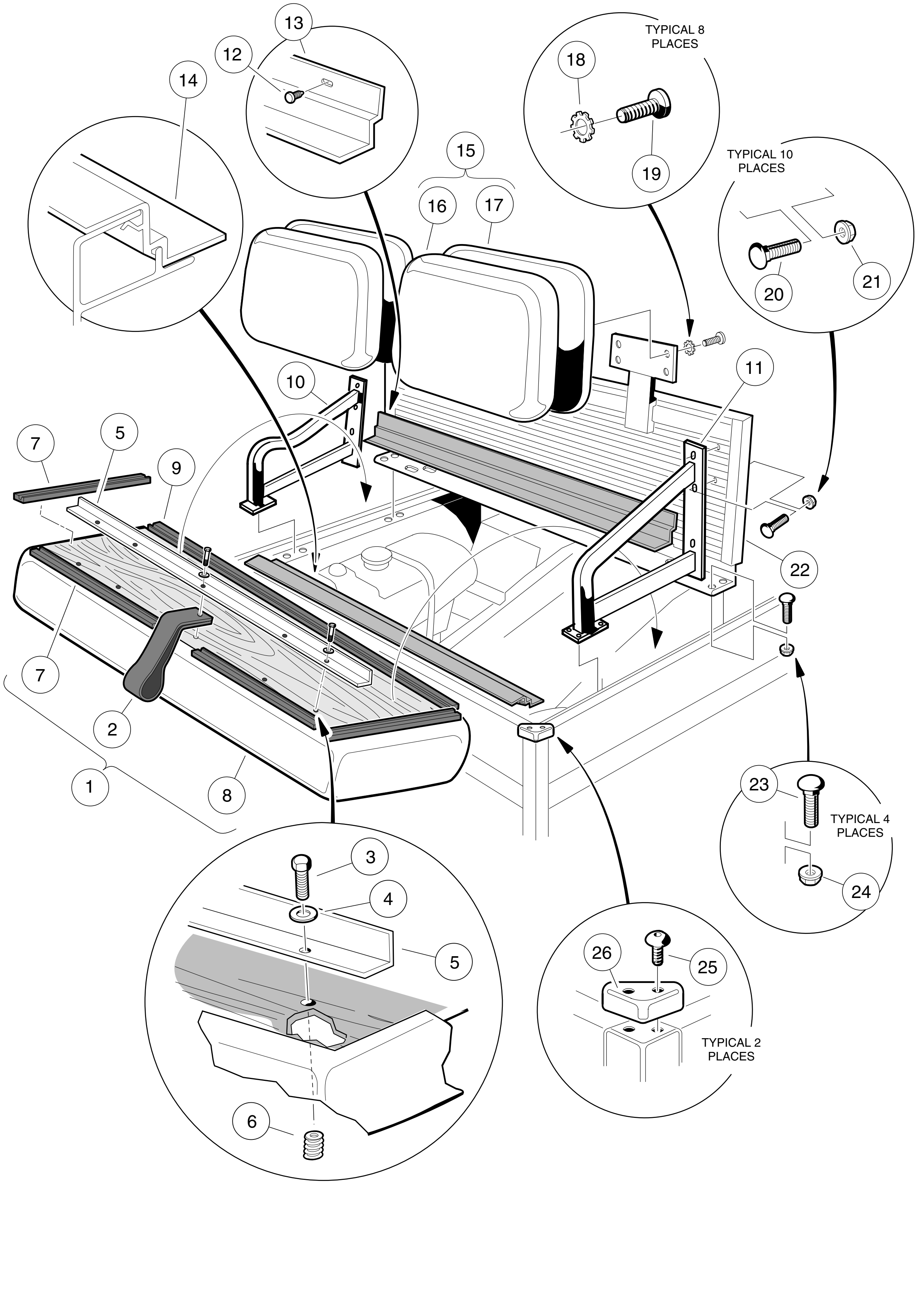
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1014645	Kit, Snap Washer (black) (includes items 2 - 5)	2	2
2	1011019	Nut, Speed, #10-32	1	1
3	1011382	Washer, Cup, #10	1	1
4	1620	Screw, Sheet Metal, #10 x 3/4	1	1
5	1013494	Cover, Screw Head	1	1
6	7973	Rivet, Aluminum Pop, 3/16	5	5
7	1015032	Mat, Floor, Front	1	1
8	1013343	Component, Dash, Passenger-Side (black)	1	1
9	101660404	Panel, Center Dash (black)	1	1
10	1013344	Component, Dash, Driver-Side (black)	1	1
11	1013422	Kit, Radio/Beverage Holder (includes items 12 - 13) (Turf vehicles only)	2	2
12	1010545	Screw, Hex-Head, 1/4-20 x 3/4	2	2
13	1016952	Nut, “U”, 1/4-20	2	2

1
G
E


TYPICAL 2 PLACES
TYPICAL 12 PLACES
TYPICAL 6 PLACES
CLUB CAR
FRONT BODY
CENTER DASH
FRAME
DASH
TYPICAL 2 PLACES
TYPICAL: 3 PLACES RIGHT DASH 2 PLACES LEFT DASH
DASH BOTTOM
STOP
GO

FRONT BODY AND TRIM – TURF/CARRYALL 2 XRT

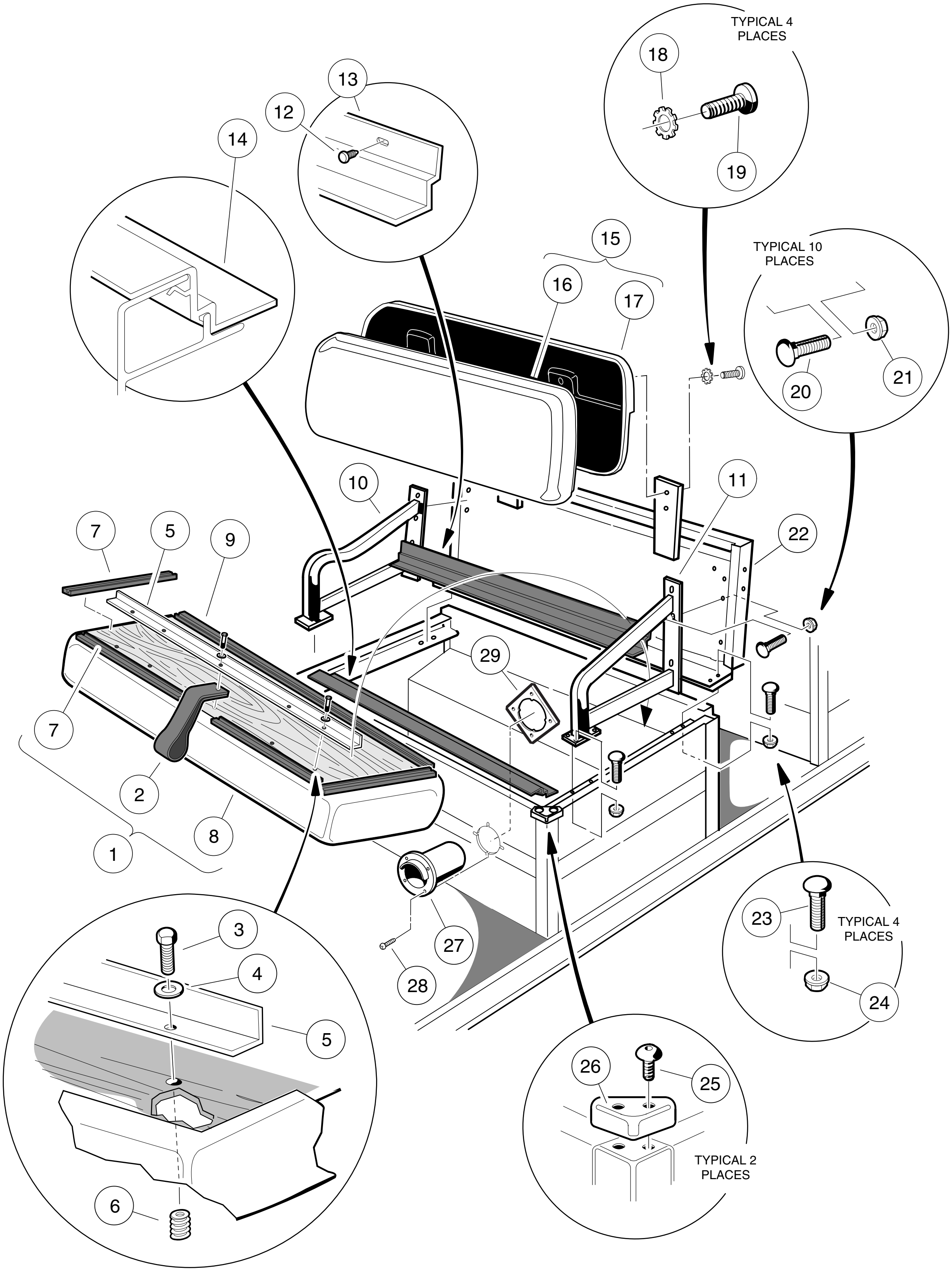
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	102160101	Mat, Floor, Front	1	
2	102004301	Guard, Brush	1	
3	7473	Nut, Nylon Lock, 5/16-18	8	
4	1015608	Spacer	2	
5	1010934	Screw, Hex-Head, 5/16-18 x 1	4	
6	8935	Screw, Hex-Head, 5/16-18 x 2-1/4	2	
7	1011578	Washer, Flat, Type B, 5/16	4	
8	1241	Washer, Flat, 5/16	6	
9	102004401	Extrusion, Front Fender	2	
10	1010434	Barrel, Plastic	12	
11	1017080	Kit, Front Bumper (includes items 12 - 14)	1	
12	1016868	Bumper, Front	1	
13	7251	Screw, Phillips Truss-Head, 5/16-18 x 1	2	
14	7473	Nut, Nylon Lock, 5/16-18	2	
15	101670201	Nameplate, Club Car (silver)	1	
16	101693909	Body, Front with Headlight Opening – Dark Green (Turf)	1	
16	101693913	Body, Front with Headlight Opening – Dark Gray (Carryall)	1	
17	1011014	Trim, Front Body	1	
18	7251	Screw, Phillips Truss-Head, 5/16-18 x 1	2	
19	1010435	Bolt, Carriage, 5/16-18 x 1	2	
20	1011017	Screw, Flange Lock	6	
21	1011394	Nut, Slab Base “T” (package of 4)	1	
22	1014645	Kit, Snap Washer, Black (includes items 23 - 26)	2	
23	1011019	Nut, Speed, 10-32	1	
24	1011382	Washer, Cup, No. 10	1	
25	1620	Screw, Sheet Metal, 10 x 3/4	1	
26	1013494	Cover, Screw Head	1	
27	7973	Rivet, Aluminum Pop, 3/16	5	
28	1013343	Component, Dash, Passenger-Side (black)	1	
29	101660404	Panel, Center Dash (black)	1	
30	1013344	Component, Dash, Driver-Side (black)	1	
31	1013422	Kit, Radio/Beverage Holder (includes items 32 and 33)	2	
32	1010545	Screw, Hex-Head, 1/4-20 x 3/4	2	
33	1016952	Nut, “U”, 1/4-20	2	


13
12
14
TYPICAL 8
PLACES
18
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16
17
TYPICAL 10
PLACES
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21
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7
2
1
8
23
TYPICAL 4
PLACES
24
3
4
5
26
25
TYPICAL 2
PLACES
6

SEATS AND SUPPORT STRUCTURE – TURF/CARRYALL 1, 2, XRT, AND 2 PLUS

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101564502	Assembly, Seat Bottom (white) (includes items 2 - 9)	1	1
1	101564503	Assembly, Seat Bottom (black) (includes items 2 - 9)	1	1
1	101564505	Assembly, Seat Bottom (gray) (includes items 2 - 9)	1	1
2	1013309	Strap, Seat Bottom	1	1
3	101954301	Screw, Hex-Head Cap with Adhesive Patch, 1/4-20 x 3/4	5	5
4	332	Washer, Flat, 1/4	5	5
5	101894303	Stiffener, Seat	1	1
6	1010543	Insert, Wood	5	5
7	1013311	Bumper, Seat, Short	4	4
8	101562702	Cover, Vinyl Seat Bottom (white)	1	1
8	101562704	Cover, Vinyl Seat Bottom (black)	1	1
8	101562710	Cover, Vinyl Seat Bottom (gray)	1	1
9	1013312	Bumper, Seat, Long	1	1
10	101888501	Assembly, Armrest, Passenger	1	1
11	101888502	Assembly, Armrest, Driver	1	1
12	1010434	Barrel, Plastic	5	5
13	101963901	Trim, Seat Bottom, Rear	1	1
14	101964001	Trim, Seat Bottom, Front	1	1
15	101565202	Assembly, Seat Back (white) (includes items 16 and 17)	2	2
15	101565205	Assembly, Seat Back (black) (includes items 16 and 17)	2	2
15	101565206	Assembly, Seat Back (gray) (includes items 16 and 17)	2	2
16	101562602	Cover, Vinyl Seat Back (white)	1	1
16	101562604	Cover, Vinyl Seat Back (black)	1	1
16	101562605	Cover, Vinyl Seat Back (gray)	1	1
17	1013335	Cap, Seat Back (black)	1	1
18	101946201	Washer, External Tooth Lock, 1/4	8	8
19	8248	Screw, Phillips Truss-Head, 1/4-20 x 3/4	8	8
20	101958601	Bolt, Carriage, 1/4-20 x 3/4	10	10
21	101835601	Nut, Flange, 1/4-20	10	10
22	1015239	Panel, Seat Support	1	1
23	101963301	Bolt, Carriage, 5/16-18 x 3/4	4	4
24	101963401	Nut, Flange, 5/16-18	4	4
25	1014321	Screw, Truss Torx Head, 1/4-14 x 3/4	4	4
26	1014387	Cap, Corner	2	2

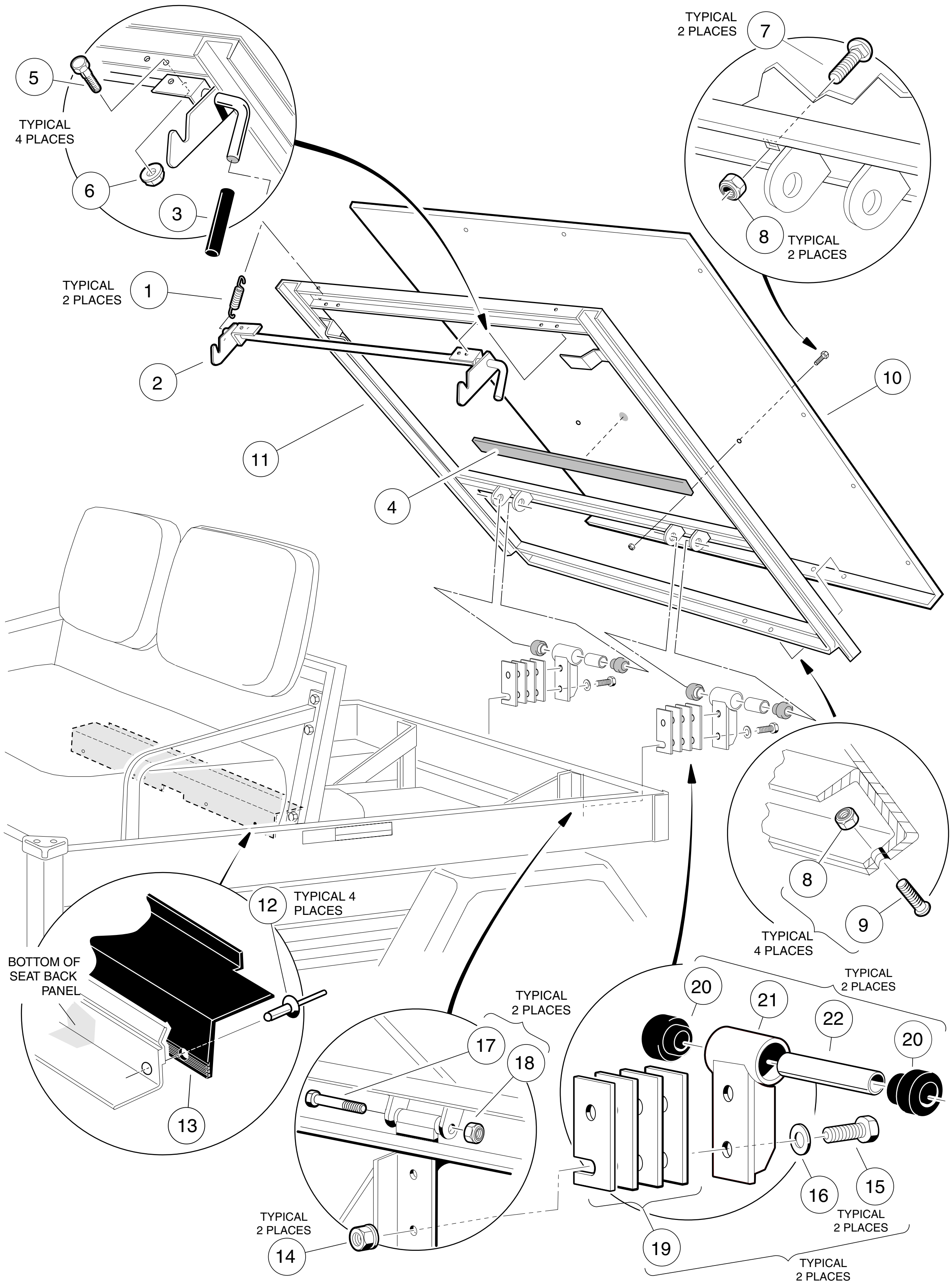
1
G
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TYPICAL 4
PLACES
18
19
13
12
14
15
16
17
TYPICAL 10
PLACES
20
21
10
11
7
5
9
22
29
7
2
1
8
23
TYPICAL 4
PLACES
24
3
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27
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25
TYPICAL 2
PLACES

SEATS AND SUPPORT STRUCTURE – TURF/CARRYALL 6

1 G E

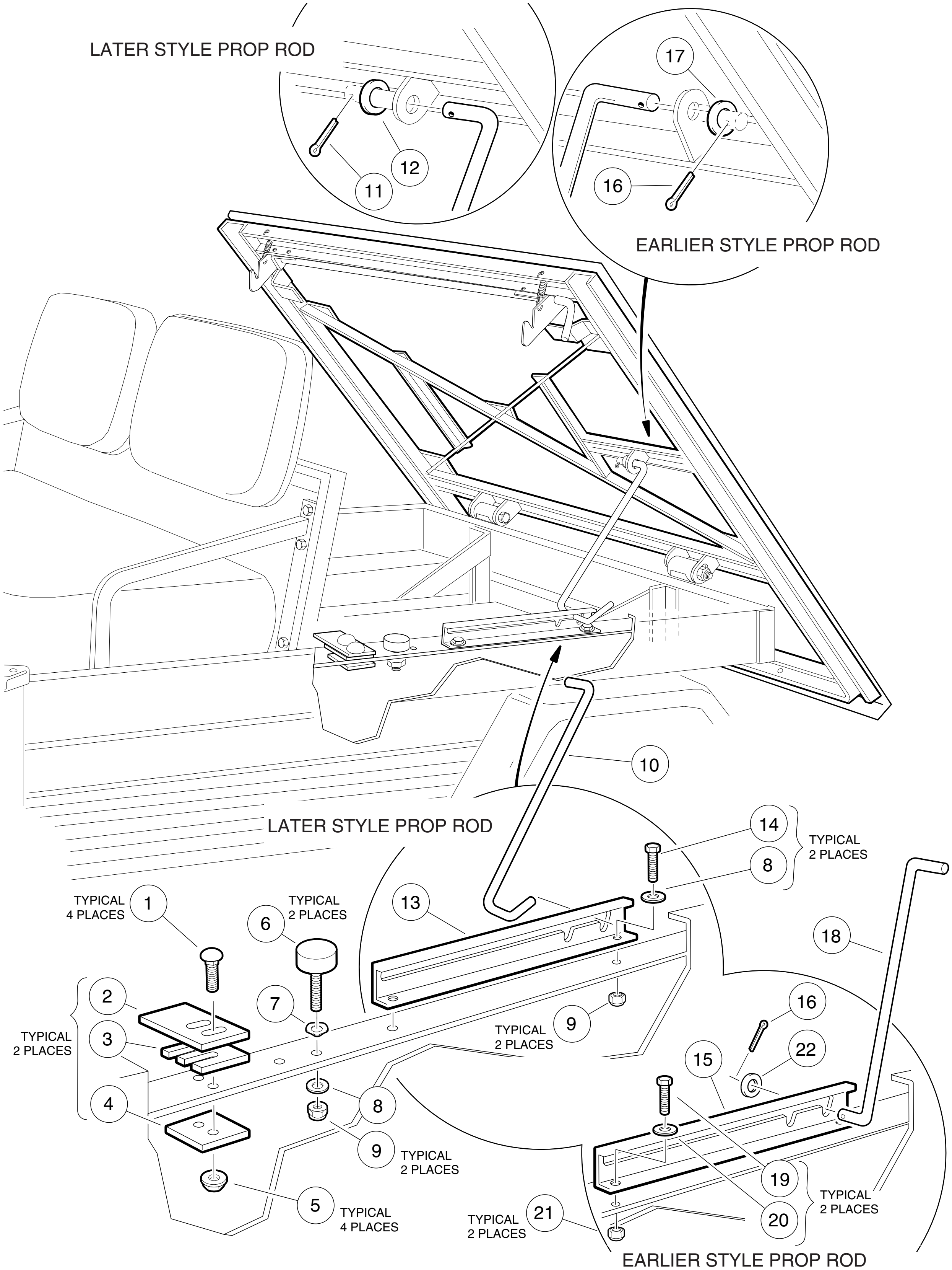
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101564502	Assembly, Seat Bottom (white) (includes items 2 - 9)	1	1
1	101564503	Assembly, Seat Bottom (black) (includes items 2 - 9)	1	1
1	101564505	Assembly, Seat Bottom (gray) (includes items 2 - 9)	1	1
2	1013309	Strap, Seat Bottom	1	1
3	101954301	Screw, Hex-Head Cap with Adhesive Patch, 1/4-20 x 3/4	5	5
4	332	Washer, Flat, 1/4	5	5
5	101894303	Stiffener, Seat	1	1
6	1010543	Insert, Wood	5	5
7	1013311	Bumper, Seat, Short	4	4
8	101562702	Cover, Vinyl Seat Bottom (white)	1	1
8	101562704	Cover, Vinyl Seat Bottom (black)	1	1
8	101562710	Cover, Vinyl Seat Bottom (gray)	1	1
9	1013312	Bumper, Seat, Long	1	1
10	101888501	Assembly, Armrest, Passenger	1	1
11	101888502	Assembly, Armrest, Driver	1	1
12	1010434	Barrel, Plastic	5	5
13	101963901	Trim, Seat Bottom, Rear	1	1
14	101964001	Trim, Seat Bottom, Front	1	1
15	101677701	Assembly, Seat Back (white) (includes items 16 and 17)	1	1
15	101677702	Assembly, Seat Back (black) (includes items 16 and 17)	1	1
15	101677705	Assembly, Seat Back (gray) (includes items 16 and 17)	1	1
16	101675502	Cover, Vinyl Seat Back (white)	1	1
16	101675504	Cover, Vinyl Seat Back (black)	1	1
16	101675506	Cover, Vinyl Seat Back (gray)	1	1
17	1016751	Cap, Seat Back (black)	1	1
18	101946201	Washer, External Tooth Lock, 1/4	4	4
19	8251	Screw, Phillips Truss-Head, 1/4-20 x 1	4	4
20	101958601	Bolt, Carriage, 1/4-20 x 3/4	10	10
21	101835601	Nut, Flange, 1/4-20	10	10
22	1016723	Panel, Seat Support	1	1
23	101963301	Bolt, Carriage, 5/16-18 x 3/4	4	4
24	101963401	Nut, Flange, 5/16-18	4	4
25	1014321	Screw, Truss Torx Head, 1/4-14 x 3/4	4	4
26	1014387	Cap, Corner	2	2
27	1016673	Housing, Cord (electric vehicle only)		1
28	8796	Screw, Phillips Head, #7-19 x 3/4 (electric vehicle only)		4
29	101801001	Plate, Receptacle Backing (electric vehicle only)		1


TYPICAL
2 PLACES
7
5
TYPICAL
4 PLACES
6
3
8
TYPICAL
2 PLACES
TYPICAL
2 PLACES
1
2
10
11
4
8
9
TYPICAL
4 PLACES
12
TYPICAL 4
PLACES
BOTTOM OF
SEAT BACK
PANEL
13
TYPICAL
2 PLACES
17
18
TYPICAL
2 PLACES
14
20
21
22
20
TYPICAL
2 PLACES
16
15
TYPICAL
2 PLACES
19
TYPICAL
2 PLACES

TILT BED, HINGE, AND LATCH – TURF/CARRYALL 1

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	1015427	Assembly, Tilt Bed And Latch, Turf/Carryall 1 (includes items 1 - 11)	1	1
1	1015391	Spring, Latch Extension	2	2
2	1015252	Assembly, Latch Weld	1	1
3	1015400	Hand Grip, Tilt Latch	1	1
4	1014471	Insulation, Bulk, (42 inches long)	A/R	A/R
5	403	Screw, Hex-Head Cap, 1/4-20 x 5/8	4	4
6	101835601	Nut, Flanged Lock, 1/4-20	4	4
7	1010435	Bolt, Carriage, 5/16-18 x 1	2	2
8	7473	Nut, Nylon Lock, 5/16-18	6	6
9	1015399	Screw, Torx Truss-Head, 5/16-18 x 3/4	4	4
10	N/A	Plate, Floor	1	1
11	N/A	Assembly, Frame Weldment, Tilt Bed	1	1
12	7532	Rivet, 5/16	4	4
13	1017976	Seal, Bed	1	1
14	102065901	Nut, Dimpled Flange Lock, 3/8-16	4	4
15	705	Screw, Hex-Head Cap, 3/8-16 x 1-1/4	4	4
16	102066001	Washer, Flat, Type B, 3/8	4	4
17	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2	2
18	8754	Nut, Nylon Lock, 3/8-16	2	2
19	1015507	Shim, Tilt Bed Pivot	A/R	A/R
20	1015583	Bushing, Urethane	4	4
21	1015356	Assembly, Tilt Bed Hinge Weld	2	2
22	1012303	Bushing, Steel	2	2

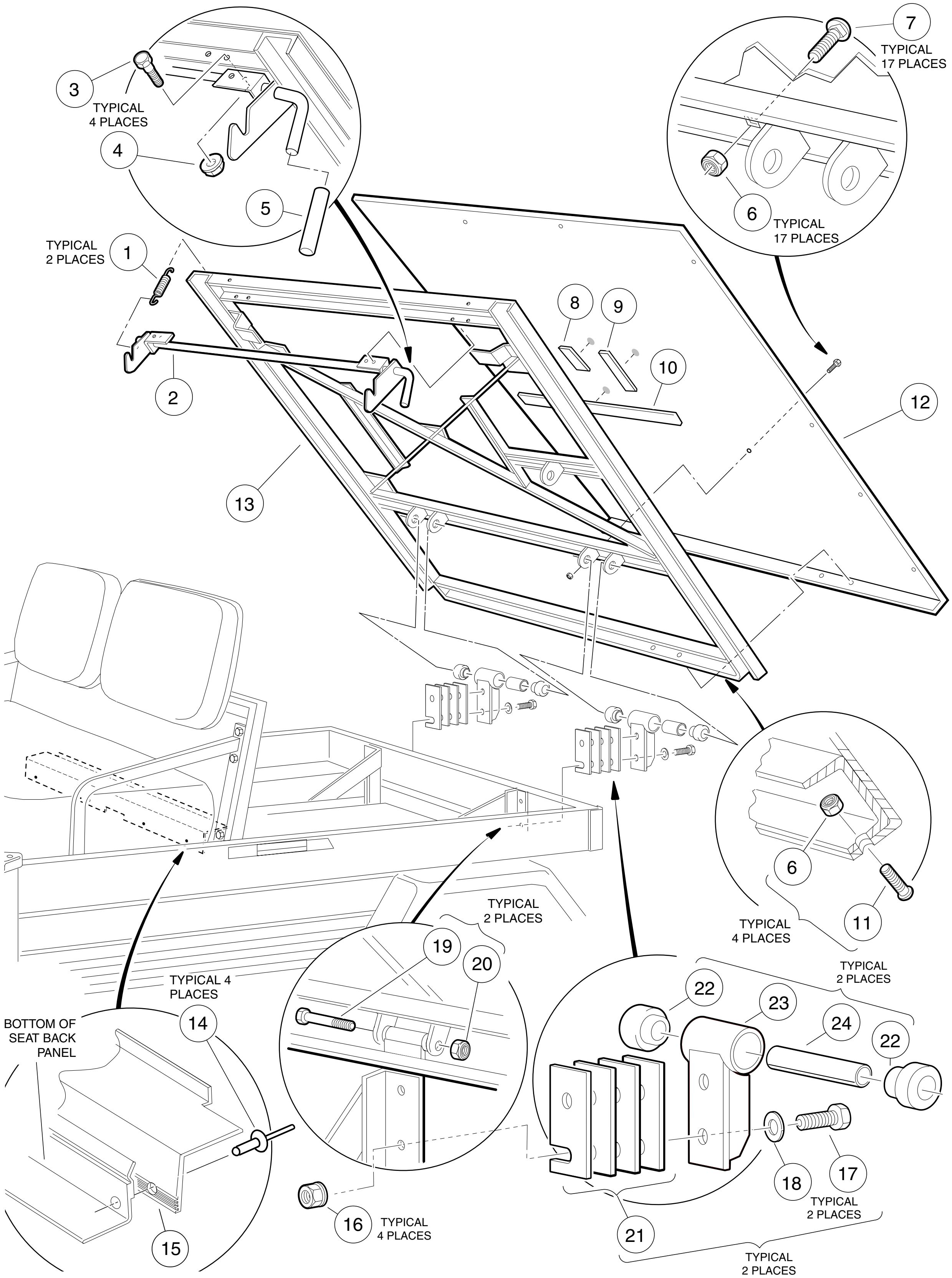
For latch plate components, see page 1-15.


LATER STYLE PROP ROD
17
12
11
16
EARLIER STYLE PROP ROD
10
LATER STYLE PROP ROD
14
8
TYPICAL
2 PLACES
TYPICAL
4 PLACES
1
TYPICAL
2 PLACES
6
13
18
2
7
16
TYPICAL
2 PLACES
3
TYPICAL
2 PLACES
9
22
15
4
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TYPICAL
2 PLACES
19
TYPICAL
2 PLACES
5
TYPICAL
4 PLACES
TYPICAL
2 PLACES
21
20
EARLIER STYLE PROP ROD

LATCH PLATE – TURF/CARRYALL 1, 2, XRT AND 2 PLUS; PROP ROD – TURF/CARRYALL 2, XRT, AND 2 PLUS

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101958601	Bolt, Carriage, 1/4-20 x 1	4	4
2	1015277	Plate, Tilt Bed Latch	2	2
3	1016078	Shim, Latch Plate	A/R	A/R
4	1016060	Support, Latch Plate	2	2
5	101835601	Nut, Flange, 1/4-20	4	4
6	1010878	Bumper, Rubber	2	2
7	1016201	Washer, Wave	2	2
8	332	Washer, Flat, 1/4	4	4
9	8233	Nut, Nylon Lock, 1/4-20	4	4
10	102301401	Rod, Prop (Turf/Carryall 2, XRT and 2 Plus vehicles beginning mid-model year 2003)	1	1
11	1035	Pin, Cotter, 3/32 x 1	2	2
12	334	Washer, Flat, 3/8	1	1
13	101921601	Track, Prop Rod	1	1
14	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4	2	2
		Earlier style prop rod (2001, 2002, and early 2003 models):		
	101922801	Kit,Prop Rod (Turf/Carryall 2, XRT and 2 Plus) (includes items 15 - 22)	1	1
15	N/A	Track, Prop Rod	1	1
16	1035	Pin, Cotter, 3/32 x 1	2	2
17	334	Washer, Flat, 3/8	1	1
18	N/A	Rod, Prop	1	1
19	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4	2	2
20	332	Washer, Flat, 1/4	2	2
21	8233	Nut, Nylon Lock, 1/4-20	2	2
22	1017328	Washer, Convex, 3/8	1	1

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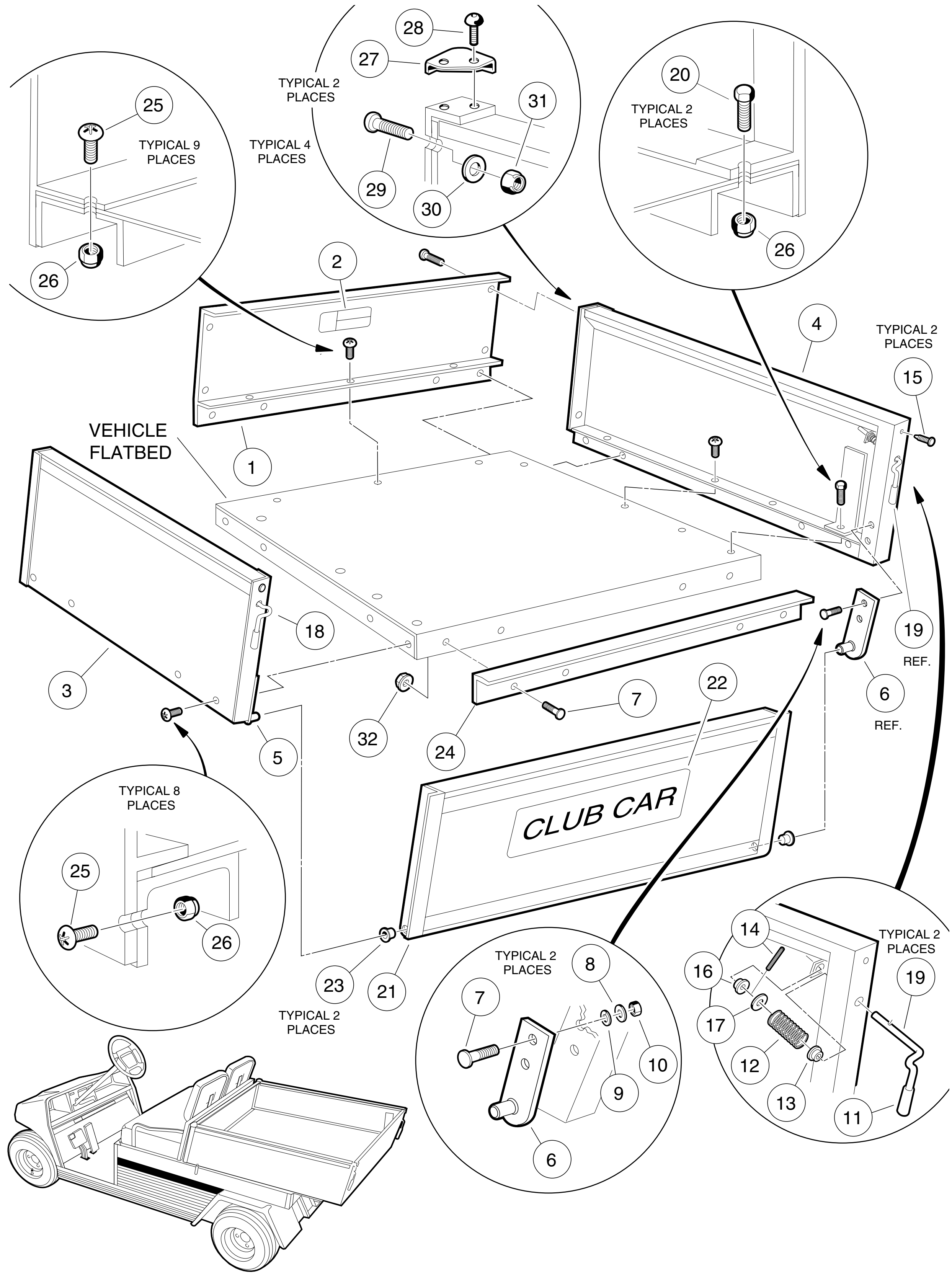


7
TYPICAL
17 PLACES
3
TYPICAL
4 PLACES
4
5
6
TYPICAL
17 PLACES
TYPICAL
2 PLACES
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TYPICAL
2 PLACES
6
11
TYPICAL
4 PLACES
19
20
TYPICAL
2 PLACES
22
23
24
22
TYPICAL 4
PLACES
BOTTOM OF
SEAT BACK
PANEL
14
15
16
TYPICAL
4 PLACES
21
18
17
TYPICAL
2 PLACES
TYPICAL
2 PLACES

TILT BED, HINGE AND LATCH – TURF/CARRYALL 2, XRT AND 2 PLUS

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	101542901	Assembly, Tilt Bed, Manual Lift (includes items 1 - 13)	1	1
1	1015391	Spring, Latch Extension	2	2
2	1015252	Assembly, Latch Weld	1	1
3	403	Screw, Hex-Head Cap, 1/4-20 x 5/8	4	4
4	101835601	Nut, Flanged Lock, 1/4-20	4	4
5	1015400	Hand Grip, Tilt Latch	1	1
6	7473	Nut, Nylon Lock, 5/16-18	21	21
7	1010435	Bolt, Carriage, 5/16-18 x 1	17	17
8	1014471	Insulation, Bulk (4 inches long)	A/R	A/R
9	1014471	Insulation, Bulk (8 inches long)	A/R	A/R
10	1014471	Insulation, Bulk (43 inches long)	A/R	A/R
11	1015399	Screw, Torx Truss-Head, 5/16-18 x 5/8	4	4
12	N/A	Plate, Floor	1	1
13	N/A	Assembly, Frame Weldment, Tilt Bed	1	1
14	7532	Rivet, 3/16	4	4
15	1017976	Seal, Bed	1	1
16	102065901	Nut, Dimpled Flange Lock, 3/8-16	4	4
17	705	Screw, Hex-Head Cap, 3/8-16 x 1-1/4	4	4
18	102066001	Washer, Flat, Type B, 3/8	4	4
19	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2	2
20	8754	Nut, Nylon Lock, 3/8-16	2	2
21	1015507	Shim, Tilt Bed Pivot	A/R	A/R
22	1015583	Bushing, Urethane	4	4
23	1015356	Assembly, Tilt Bed Hinge Weld	2	2
24	1012303	Bushing, Steel	2	2

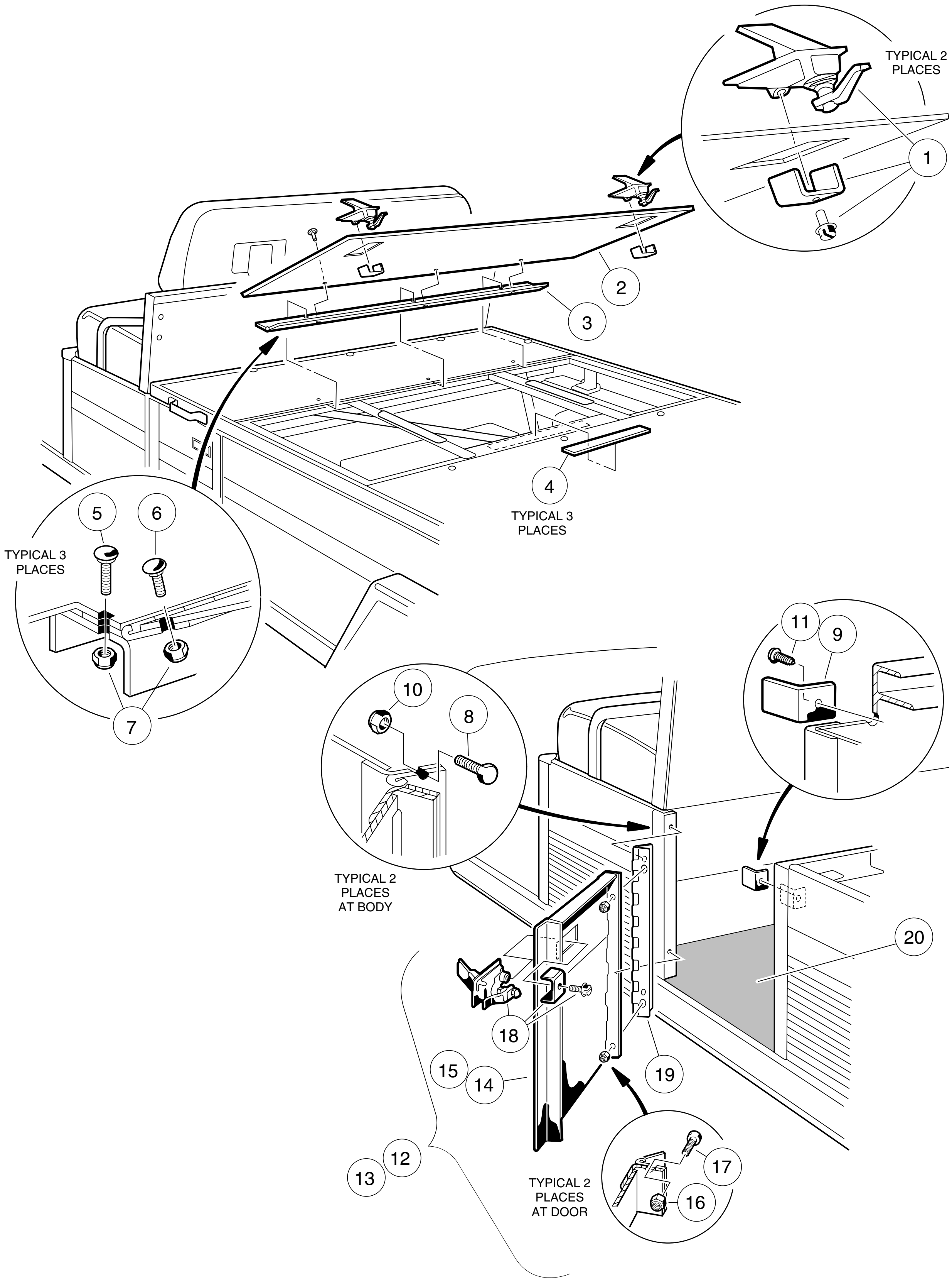
For latch plate and prop rod components, see page 1-15.


28
27
TYPICAL 2
PLACES
31
TYPICAL 4
PLACES
29
30
25
TYPICAL 9
PLACES
26
20
TYPICAL 2
PLACES
26
2
4
TYPICAL 2
PLACES
15
VEHICLE
FLATBED
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REF.
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REF.
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32
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TYPICAL 8
PLACES
CLUB CAR
25
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TYPICAL 2
PLACES
TYPICAL 2
PLACES
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TYPICAL 2
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CARGO BOX – TURF/CARRYALL 1, 2, XRT, AND 2 PLUS

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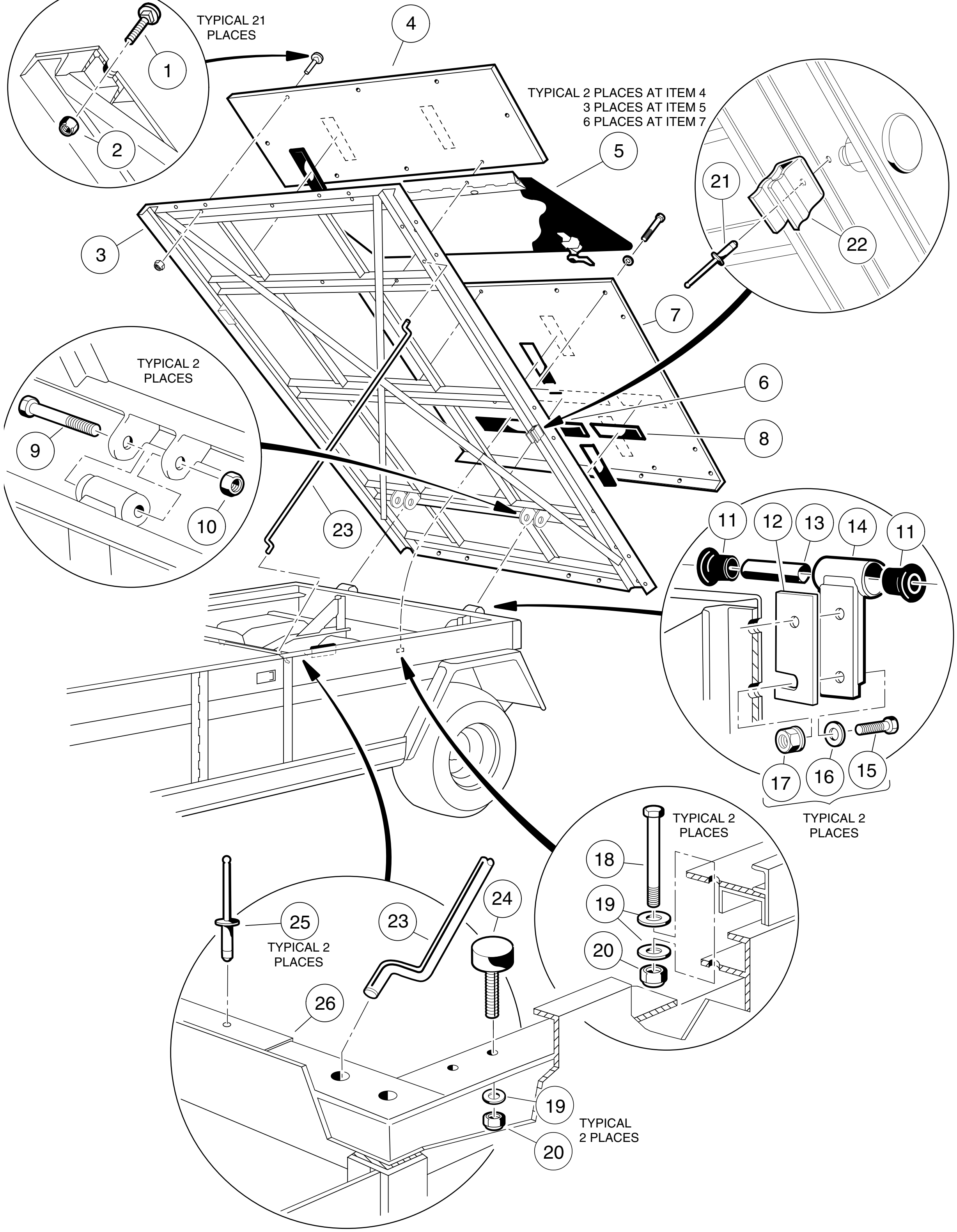
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	1015606	Kit, Cargo Box (Turf/Carryall 1) (includes items 1 - 32)	1	1
	1015607	Kit, Cargo Box (Turf/Carryall 2, XRT, 2 Plus) (includes items 1 - 32)	1	1
1	1015413	Front Panel Assembly (Turf/Carryall 1) (includes item 2)	1	1
1	1015412	Front Panel Assembly (Turf/Carryall 2, XRT, 2 Plus) (includes item 2)	1	1
2	101553901	Decal, Bed Load Warning	1	1
3	1015367	Side, Panel Assembly, Driver-Side (Turf/Carryall 1) (includes items 5 and 7-18)	1	1
3	1015368	Side Panel Assembly, Driver-Side (Turf/Carryall 2, XRT, and 2 Plus) (includes items 5 and 7 - 18)	1	1
4	1015365	Side, Panel Assembly, Passenger-Side (Turf/Carryall 1) (includes items 6 - 17 and 19)	1	1
4	1015366	Side Panel Assembly, Passenger-Side (Turf/Carryall 2, XRT, and 2 Plus) (includes items 6 - 17 and 19)	1	1
5	1014513	Bracket, Tailgate, Driver-Side	1	1
6	1014514	Bracket, Tailgate, Passenger-Side	1	1
7	1014537	Stud, Flush Head	8	8
8	1241	Washer, Flat, 5/16	4	4
9	7174	Washer, Lock, 5/16	4	4
10	1242	Nut, Hex, 5/16-18	4	4
11	1015400	Grip, Hand	2	2
12	1015390	Spring, Compression	2	2
13	1032	Bushing, Nylon	2	2
14	1231	Roll Pin, 1/8 x 1	2	2
15	1010434	Barrel, Plastic (black)	2	2
16	1015363	Bushing	2	2
17	1011990	Washer, Flat, 3/8	2	2
18	1015313	Latch, Driver-Side	1	1
19	1015245	Latch, Passenger-Side	1	1
20	1010934	Screw, Hex-Head Cap, 5/16-18 x 1	2	2
21	1015414	Tailgate Assembly (Turf/Carryall 1) (includes item 22)	1	1
21	1015424	Tailgate Assembly (Turf/Carryall 2, XRT, and 2 Plus) (includes item 22)	1	1
22	1013317	Decal, Club Car Tailgate	2	2
23	7049	Bushing, Nylon	2	2
24	****	Kit, Tailgate Angle (Turf/Carryall 1)	1	1
24	101894702	Kit, Tailgate Angle (Turf/Carryall 2, XRT, and 2 Plus)	1	1
25	1015399	Screw, Torx Truss-Head, 5/16-18 x 3/4	17	17
26	7473	Nut, Nylon Lock, 5/16-18	19	19
27	1014387	Cap, Corner	2	2
28	1014321	Screw, Torx Truss-Head, #10-24 x 3/8	4	4
29	1014415	Screw, Torx Truss-Head, 1/4-20 x 3/4	4	4
30	332	Washer, Flat, 1/4	4	4
31	8233	Nut, Nylon Lock, 1/4-20	4	4
32	101963401	Nut, Flange Lock, 5/16-18	4	4
	****	Special order item available upon request.		


TYPICAL 2
PLACES
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TYPICAL 3
PLACES
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TYPICAL 3
PLACES
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TYPICAL 2
PLACES
AT BODY
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TYPICAL 2
PLACES
AT DOOR

ACCESS DOOR AND SIDE DOORS – TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101691401	Latch, Compression Door	2	2
2	101689101	Plate, Long Bed Access Door	1	1
3	1016881	Hinge, Long Bed Access Door	1	1
4	1014471	Insulation, Bulk (8-1/2 inches long)	A/R	A/R
5	1010435	Bolt, Carriage, 5/16-18 x 1	3	3
6	1017077	Bolt, Carriage, 5/16-18 x 5/8	3	3
7	7473	Nut, Nylon Lock, 5/16-18	6	6
8	403	Screw, Hex-Head Cap, 1/4-20 x 5/8	2	2
9	1013280	Clip, Angle	2	2
10	8233	Nut, Nylon Lock, 1/4-20	2	2
11	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8	2	2
12	1016955	Assembly, Compartment Door (driver side) (includes items 14 and 16 - 19)	1	1
13	1016954	Assembly, Compartment Door (passenger side) (includes items 15 - 19)	1	1
14	1016918	Assembly, Compartment Door Weld (driver side)	1	1
15	1016909	Assembly, Compartment Door Weld (passenger side)	1	1
16	8233	Nut, Nylon Lock, 1/4-20	2	2
17	403	Screw, Hex-Head Cap, 1/4-20 x 5/8	2	2
18	101691401	Latch, Compression Door	2	2
19	1016920	Hinge, Compartment Door	2	2
20	1016718	Mat, Floor	1	1

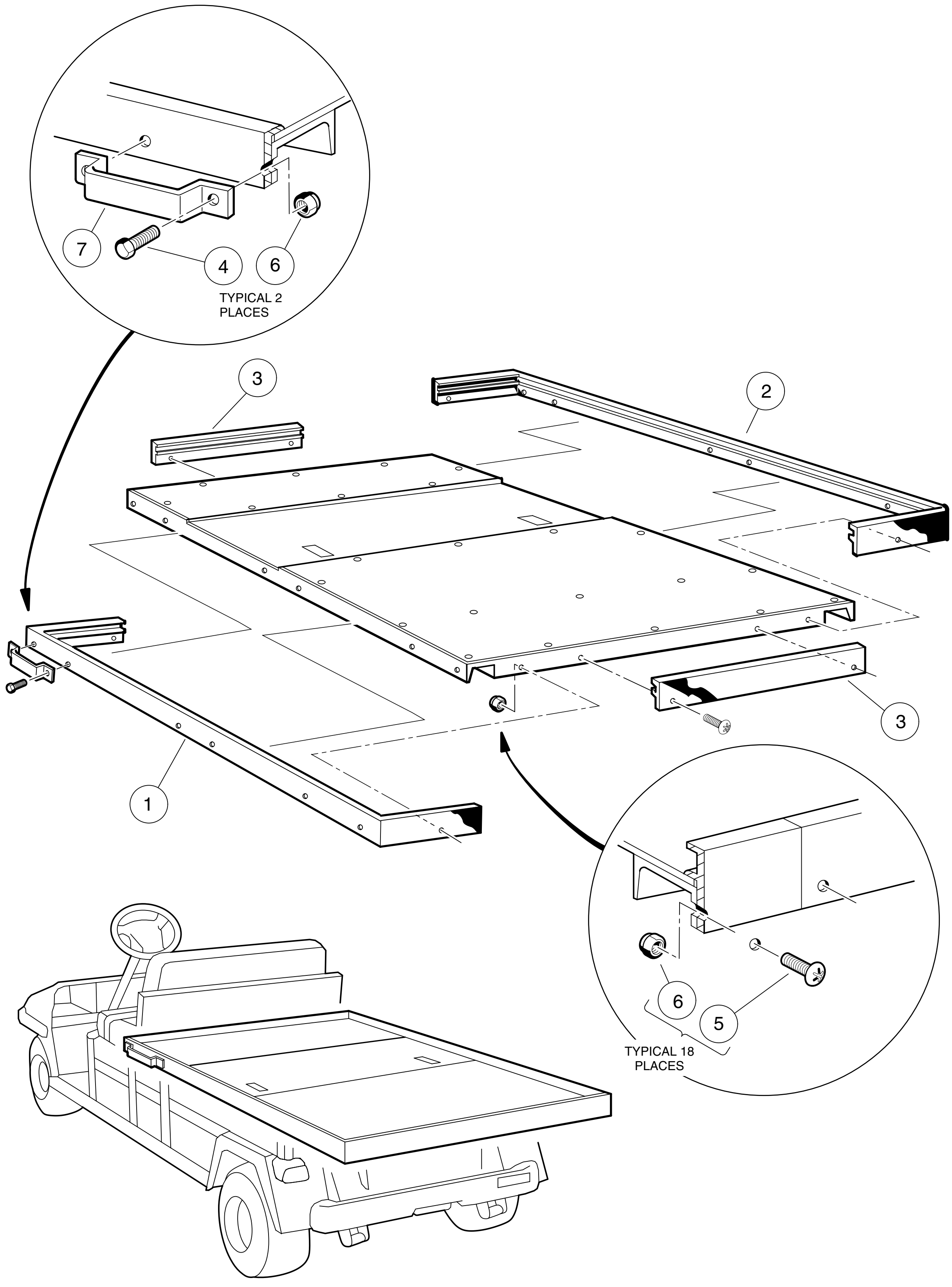
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TYPICAL 21
PLACES
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TYPICAL 2 PLACES AT ITEM 4
3 PLACES AT ITEM 5
6 PLACES AT ITEM 7
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22
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TYPICAL 2
PLACES
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TYPICAL 2
PLACES
TYPICAL 2
PLACES
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TYPICAL 2
PLACES
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24
26
19
TYPICAL
2 PLACES
20

FLAT BED ASSEMBLY – TURF/CARRYALL 6

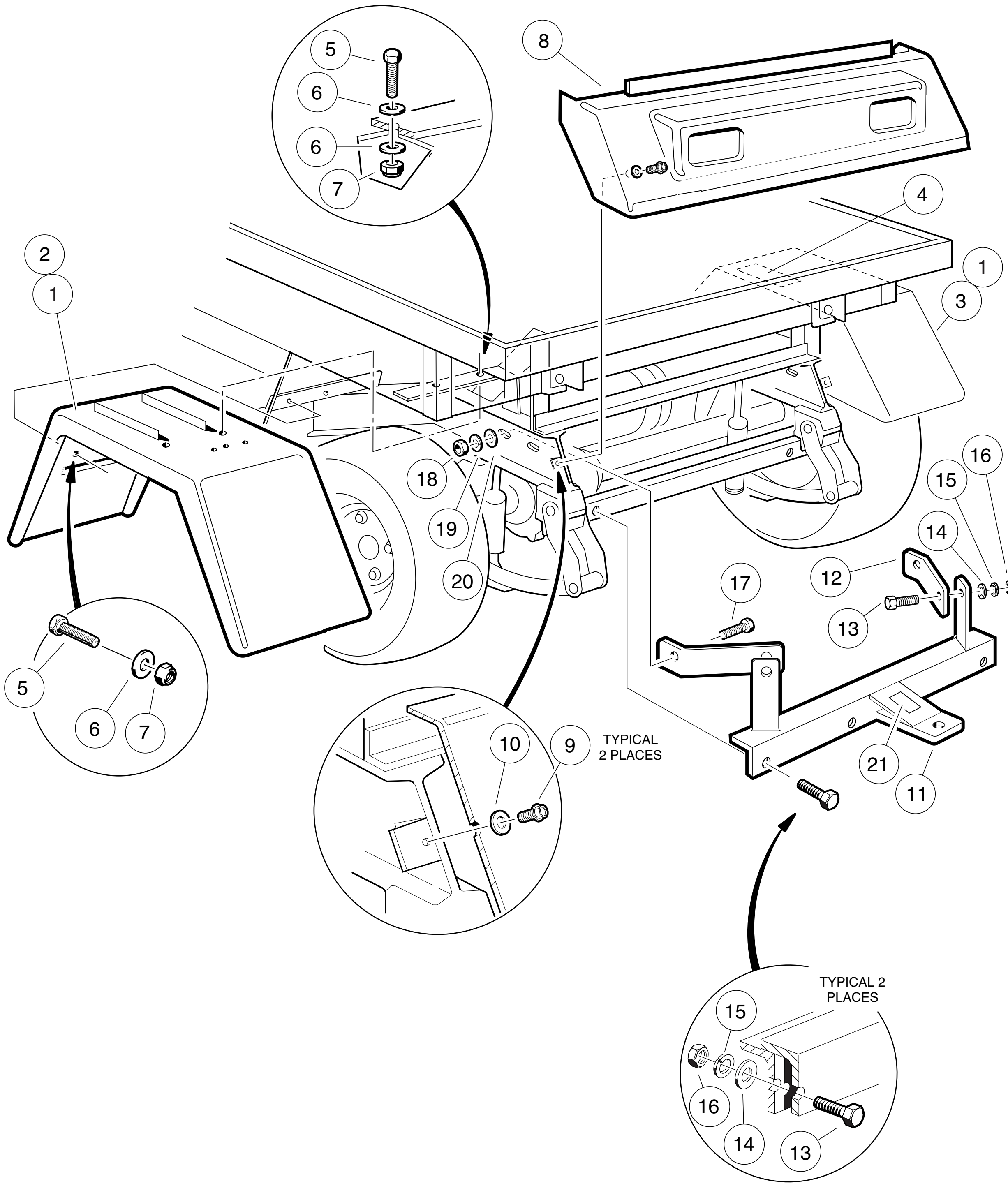
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	1016942	Assembly, Flat Bed (includes items 1 - 8)	1	1
1	1010435	Bolt, Carriage, 5/16-18 x 1	21	21
2	7473	Nut, Nylon Lock, 5/16 - 18	21	21
3	N/A	Frame, Bed	1	1
4	****	Plate, Forward Floor	1	1
5		Access Door, Latch, and Mounting Hardware (see page 1-21)		
6	1014471	Insulation, Bulk (20 inches long)	A/R	A/R
7	****	Plate, Rear Floor	1	1
8	1014471	Insulation, Bulk (8 inches long)	A/R	A/R
9	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2	2
10	8754	Nut, Nylon Lock, 3/8-16	2	2
11	1015583	Bushing, Urethane	4	4
12	1015507	Shim, Tilt Bed Pivot	A/R	A/R
13	1012303	Bushing, Steel	2	2
14	1015356	Assembly, Tilt Bed Hinge Weld	2	2
15	705	Screw, Hex-Head Cap, 3/8-16 x 1-1/4	4	4
16	102066001	Washer, Flat, Type B, 3/8	4	4
17	102065901	Nut, Dimpled Flange Lock, 3/8-16	4	4
18	1013872	Screw, Hex-Head Cap, 1/4-20 x 4	2	2
19	332	Washer, Flat, 1/4	6	6
20	8233	Nut, Nylon Lock, 1/4-20	4	4
21	1015727	Rivet, Pop	1	1
22	1013413	Clip, Rod, 3/8	1	1
23	102259401	Rod, Prop, Long Bed†	1	1
24	1010878	Bumper, Rubber	2	2
25	1013357	Rivet, Blind, 3/16 x .45		2
26	101837001	Insulator, Battery		1
	****	Special order item available upon request.		
		† Specify if vehicle is equipped with current style prop rod (shown) or earlier prop rod that clipped to front of rear body.		

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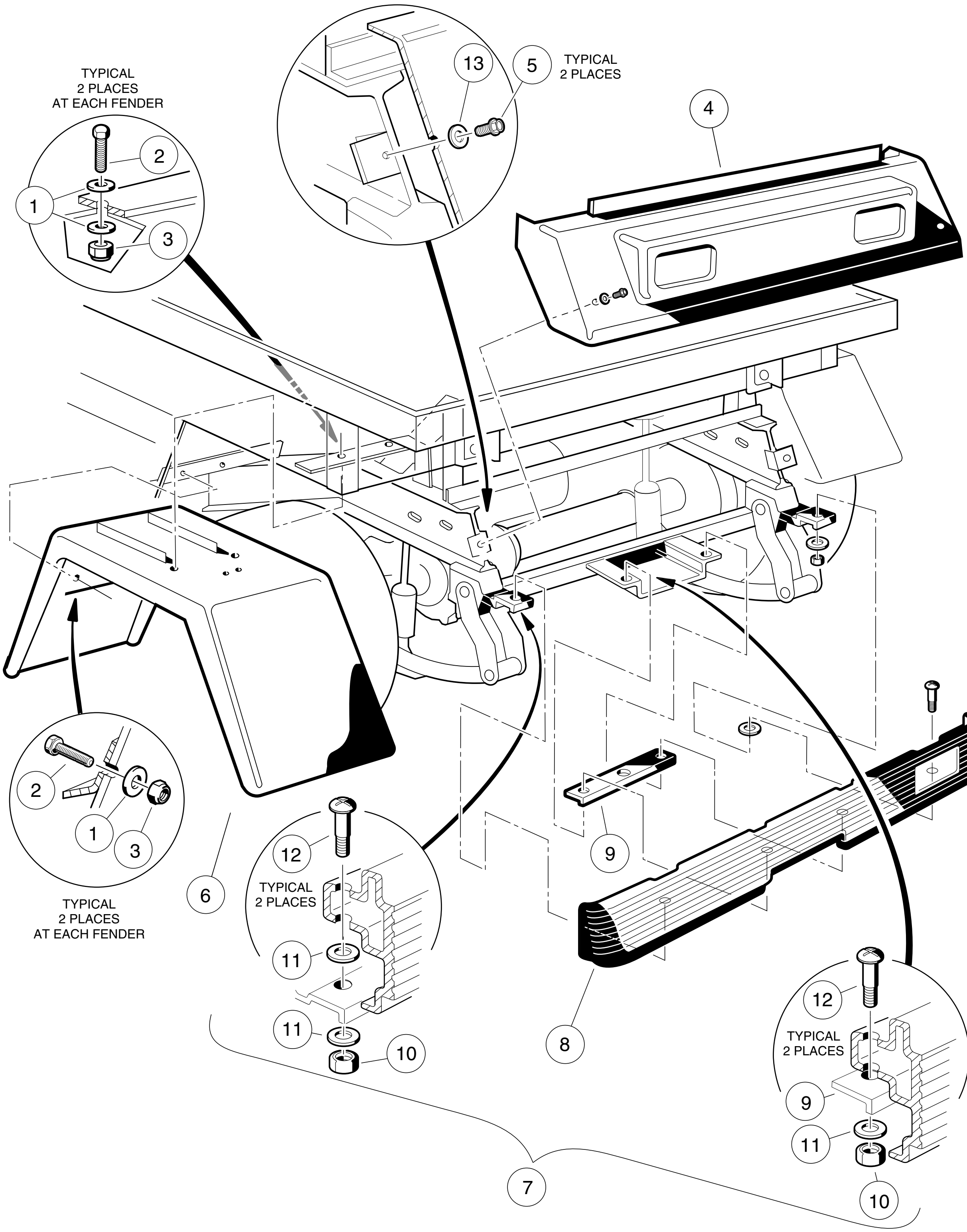
FLAT BED TRIM – TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1016944	Trim, Long Bed, Driver-Side	1	1
2	1016948	Trim, Long Bed, Passenger-Side	1	1
3	1016943	Trim, Long Bed, Front and Rear	2	2
4	1010934	Screw, Hex-Head Cap, 5/16-18 x 1	2	2
5	1015399	Screw, Torx Truss-Head, 5/16-18 x 3/4	18	18
6	7473	Nut, Nylon Lock, 5/16-18	20	20
7	1016077	Bracket, Stake Side	1	1


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TYPICAL
2 PLACES
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TYPICAL 2
PLACES
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16
14
13

REAR BODY TRIM – TURF/CA 1, 2, XRT, AND 2 PLUS

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1016679	Fender, Rear (all vehicles except XRT)	2	2
2	102004601	Fender, Rear, Driver-Side (XRT vehicle only)	1	1
3	102004602	Fender, Rear, Passenger-Side (XRT vehicle only) (includes item 4)	1	1
4	102224001	Decal, Rotating Parts (XRT vehicle only)	1	1
5	304	Screw, Hex-Head Cap, 1/4-20 x 1	8	8
6	1014306	Washer, Flat, Type B, 1/4	12	12
7	8233	Nut, Nylon Lock, 1/4-20	8	8
8	1015530	Tailskirt	1	1
9	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8	2	2
10	332	Washer, Flat, 1/4	2	2
11	1015445	Kit, Trailer Hitch (Turf 1, Turf 2, Carryall 2, XRT and 2 Plus) (includes items 8 - 17)	1	1
12	1013483	Brace, Trailer Hitch	2	2
13	1010934	Screw, Hex-Head Cap, 5/16-18 x 1	4	4
14	1241	Washer, Flat, 5/16	4	4
15	7174	Washer, Lock, 5/16	4	4
16	1242	Nut, Hex, 5/16-18	4	4
17	705	Screw, Hex-Head Cap, 3/8-16 x 1-1/4	2	2
18	706	Nut, Hex, 3/8-16	2	2
19	357	Washer, Lock, 3/8	2	2
20	1011990	Washer, Flat, 3/8	2	2
21	1011553	Decal, Trailer Hitch	1	1


TYPICAL
2 PLACES
AT EACH FENDER
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13
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TYPICAL
2 PLACES
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3
TYPICAL
2 PLACES
AT EACH FENDER
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12
TYPICAL
2 PLACES
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12
TYPICAL
2 PLACES
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7

REAR BODY TRIM – TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1014306	Washer, Flat, 1/4	12	12
2	304	Screw, Hex-Head Cap, 1/4-20 x 1	8	8
3	8233	Nut, Nylon Lock, 1/4-20	8	8
4	1015530	Tailskirt	1	1
5	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8	2	2
6	1016679	Fender, Rear	2	2
7	1017079	Kit, Rear Bumper (includes items 8 - 12)	1	1
8	1016379	Bumper, Rear	1	1
9	1016875	Plate, Mounting, Long	1	1
10	7473	Nut, Nylon Lock, 5/16-18	4	4
11	1011697	Washer, Flat, 5/16	6	6
12	1016876	Bolt, Phillips Truss-Head Shoulder, 3/8-18 x 2	4	4
13	332	Washer, Flat, 1/4	2	2

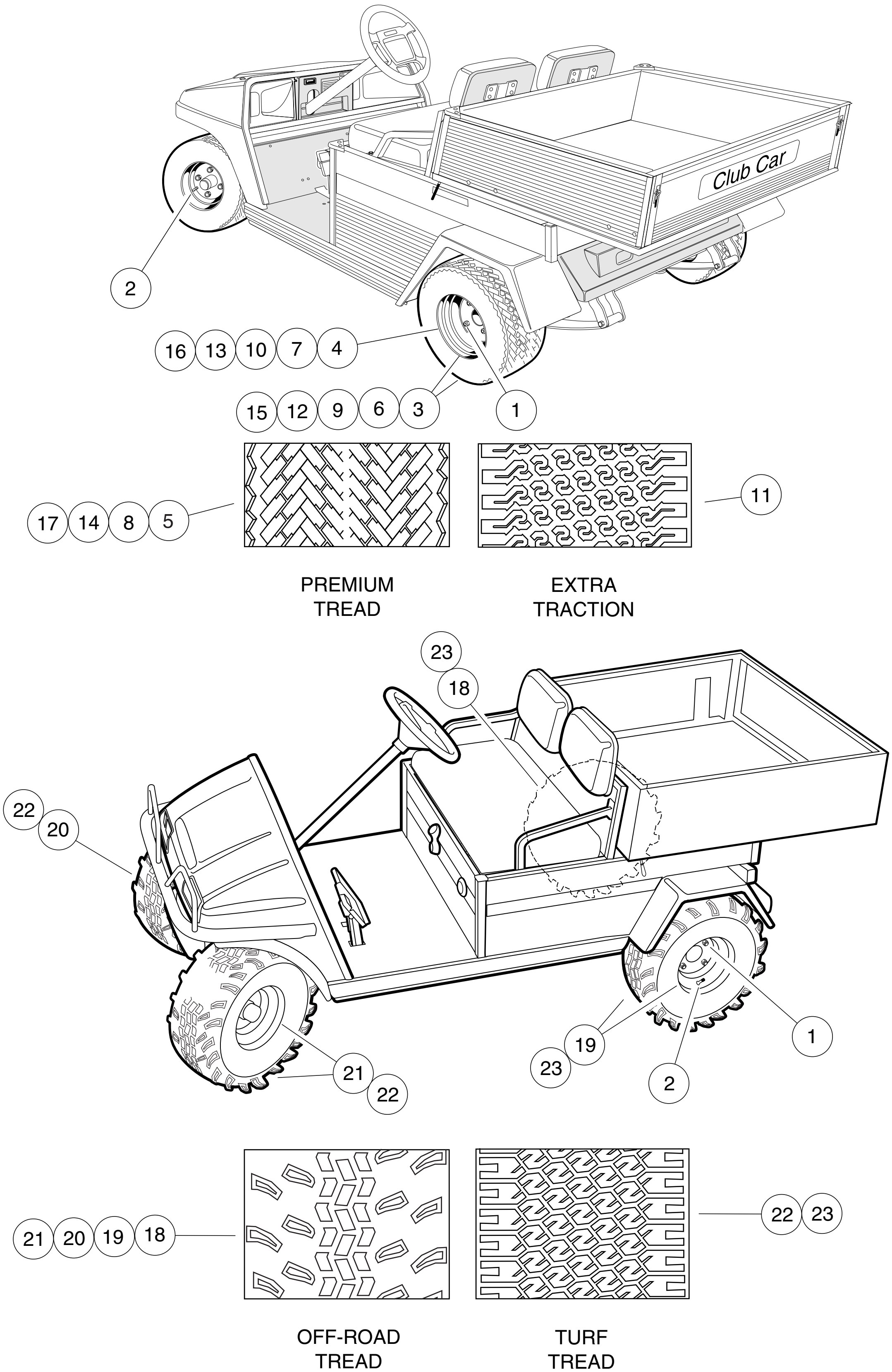
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WHEELS AND TIRES

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Club Car
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EXTRA
TRACTION
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22 23
OFF-ROAD
TREAD
TURF
TREAD

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1010984	Nut, Lug	16	16
2	7310	Stem, Valve*	4	4
3	101651402	Assembly, Wheel and Premium Tire (Turf/Carryall 1 only) (includes items 4 and 5)	4	4
4	1014771	Wheel Rim, White	1	1
5	101567202	Tire, Unmounted, Premium Tread, 4-Ply Rated (18 x 8.50 - 8) (Carlisle®)	1	1
6	101651406	Assembly, Wheel and Premium Tire (includes items 7 and 8)	4	4
7	1014771	Wheel Rim, White	1	1
8	101737002	Tire, Unmounted, Premium Tread, 6-Ply Rated (18 x 8.50 - 8) (Duro®)	1	1
9	101651407	Assembly, Wheel and Extra Traction Tire (includes items 10 and 11)	2	2
10	1014771	Wheel Rim, White	1	1
11	101769302	Tire, Unmounted, Extra Traction, 6-Ply Rated (18 x 8.50 - 8) (Duro)	1	1
12	101651409	Assembly, Wheel and Premium Tire (Turf/Carryall 1 and 2) (includes items 13 and 14)	4	4
13	101918402	Wheel Rim, White (6.25 inches wide)	1	1
14	101884901	Tire, Unmounted, Premium Tread, 6-Ply Rated (18.5 x 6.50 - 8) (Duro)	1	1
15	101651414	Assembly, Wheel and Tire, HF232 (includes items 16 and 17)	4	4
16	1014771	Wheel Rim, White	1	1
17	****	Tire, Unmounted, 6-Ply Rated (18.5 x 8.5 - 8) (Duro)	1	1
18	102009401	Assembly, Wheel (white) and Tire, Passenger-Side Rear, Off-Road Tread, 6-Ply Rated (22 x 11.00 - 10) (XRT only) (Duro)	1	
19	102009501	Assembly, Wheel (white) and Tire, Driver-Side Rear, Off-Road Tread, 6-Ply Rated (22 x 11.00 - 10) (XRT only) (Duro)	1	
20	102009201	Assembly, Wheel (white) and Tire, Passenger-Side Front, Off-Road Tread, 6-Ply Rated (22 x 11.00 - 10) (XRT only) (Duro)	1	
21	102009301	Assembly, Wheel (white) and Tire, Driver-Side Front, Off-Road Tread, 6-Ply Rated (22 x 11.00 - 10)(XRT only) (Duro)	1	
22	102009901	Assembly, Wheel (white) and Tire, Front, Turf Tread, 4-Ply Rated (23 x 10.50 - 12) (XRT only) (Titan®)	2	
23	102010001	Assembly, Wheel (white) and Tire, Rear, Turf Tread, 4-Ply Rated (23 x 10.50 - 12) (XRT only) (Titan)	2	
	****	Special order item available upon request.		

*Note: Item 2 is a part of all wheel assemblies.

Special note on items 18 through 23:

Unmounted tires and wheel rims are special order items available upon request.

The XRT's front and rear wheels are NOT interchangeable. The rear wheels have a different offset than do the front wheels; the rear wheels must be installed with the deeper offset facing out. Off-road tires are directional and must be installed according to the directional arrow mark on each tire.

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DECALS

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⚠ WARNING

ROLLOVER OR FALLING OFF MAY CAUSE DEATH.

- Before using vehicle, read operating instructions.
- Remain seated and hold on to seat handle while moving.
- Do not start vehicle until all occupants are seated.
- Two (2) persons per seat maximum.
- Operate from driver side only and not on public roads.
- Keep entire body inside vehicle while moving.
- Drive slowly in turns and straight up and down slopes.
- Do not leave children unattended on vehicle.
- Never operate under the influence of alcohol or drugs.
- Use brakes to reduce speed when coasting downhill.
- Never stand in front of or behind vehicle.

CCI 1019606-01

OFF | ON

TURF/CARRYALL 1 AND 2

OFF ON|START

CARRYALL 2 PLUS

OPERATING INSTRUCTIONS

- Read Owner's Manual and safety warnings located on dash panel prior to driving.
- Study and understand controls.
- Make sure wheels are turned in desired direction.
- Turn key to "ON" position and be sure nothing is in your path.
- While vehicle is stopped, select direction by placing shift lever or switch in desired position:
  F – Forward N – Neutral R – Reverse (Buzzer will sound)
- Vehicle will start moving when accelerator pedal is depressed.
- Slowly depress accelerator pedal to increase speed. Park brake will release when accelerator pedal is depressed.
- To stop, release accelerator pedal and depress brake pedal.
- After stopping the vehicle:
  - Firmly depress park brake until it locks.
  - Place Forward/Reverse switch in "NEUTRAL" position.
  - Turn key "OFF" and remove key when not in use.

CCI 101621601

TURF/CARRYALL 1 AND 2

OPERATING INSTRUCTIONS

- Read Owner's Manual and safety warnings located on dash panel prior to driving.
- Study and understand controls.

TO START ENGINE

- Place shift lever in "N" – Neutral position.
- Depress brake pedal.
- Turn key switch to "START" position and release.

TO OPERATE VEHICLE

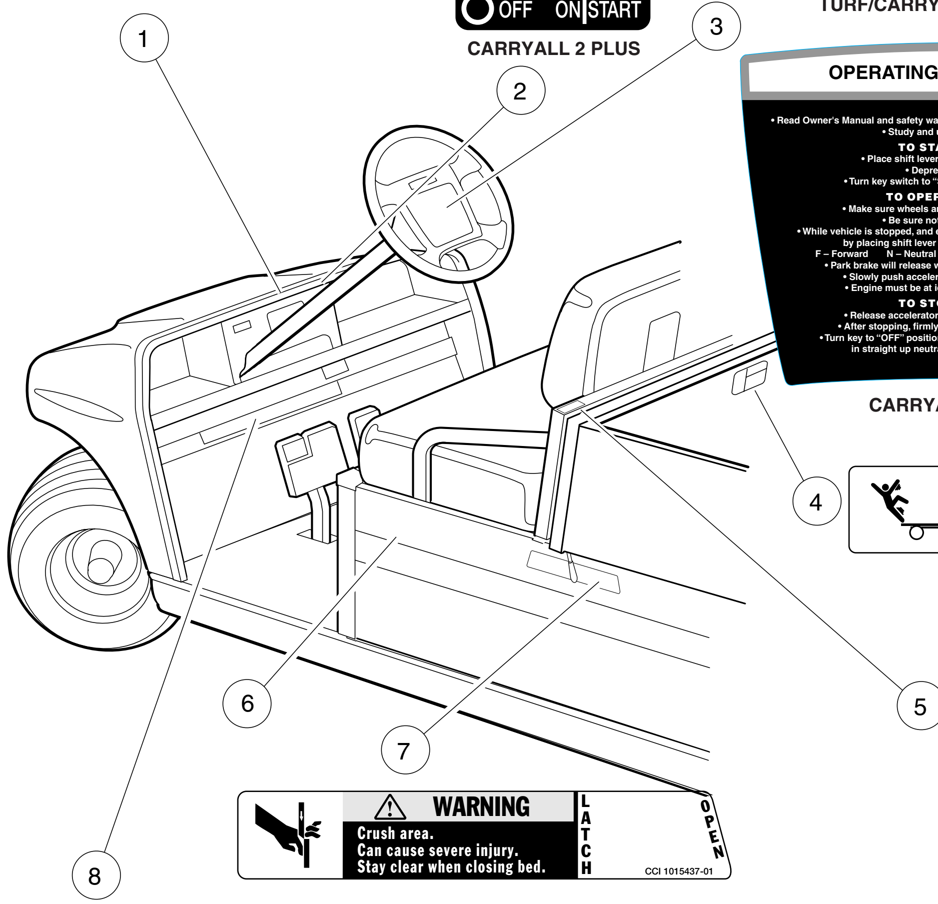
- Make sure wheels are turned in desired direction.
- Be sure nothing is in your path.
- While vehicle is stopped, and engine is at idle, select vehicle direction by placing shift lever or switch in desired position.
  F – Forward N – Neutral R – Reverse (Buzzer will sound)
- Park brake will release when accelerator pedal is pushed.
- Slowly push accelerator pedal to increase speed.
- Engine must be at idle before moving shift lever.

TO STOP VEHICLE

- Release accelerator pedal and push brake pedal.
- After stopping, firmly push park brake until it locks.
- Turn key to "OFF" position, remove key and place shift lever in straight up neutral position when not in use.

CCI 101693201

CARRYALL 2 PLUS



⚠ WARNING

Riding in cargo bed can cause severe injury or death.
Do not ride in cargo bed.

CCI 1015539-01

⚠ WARNING

CRUSH AREA

STAY CLEAR

CCI 1016094-01

⚠ WARNING

Crush area.
Can cause severe injury.
Stay clear when closing bed.

LATCH OPEN

CCI 1015437-01

VEHICLE LOADING

Read Owner's Manual and warnings on dash.

- Vehicle rated capacity - 800 lbs. on level surface only. Weight to include passengers, cargo bed load, and gross trailer weight. See Owner's Manual.
- Maximum cargo load - 300 lbs. Weight to include cargo bed load and gross trailer weight.
- Maximum trailer hitch tongue weight - 150 lbs.
- Cargo should be evenly spread over the floor of the cargo bed as far forward as possible and secured.
- For vehicle stability, when fully loaded, drive slowly and avoid stopping on or backing down steep hills.
- Avoid top heavy loads. See Owner's Manual.
- When driving on uneven terrain or down steep hills, reduce speed and load.

CCI 1019601-01

TURF/CARRYALL 1

VEHICLE LOADING

Read Owner's Manual and warnings on dash.

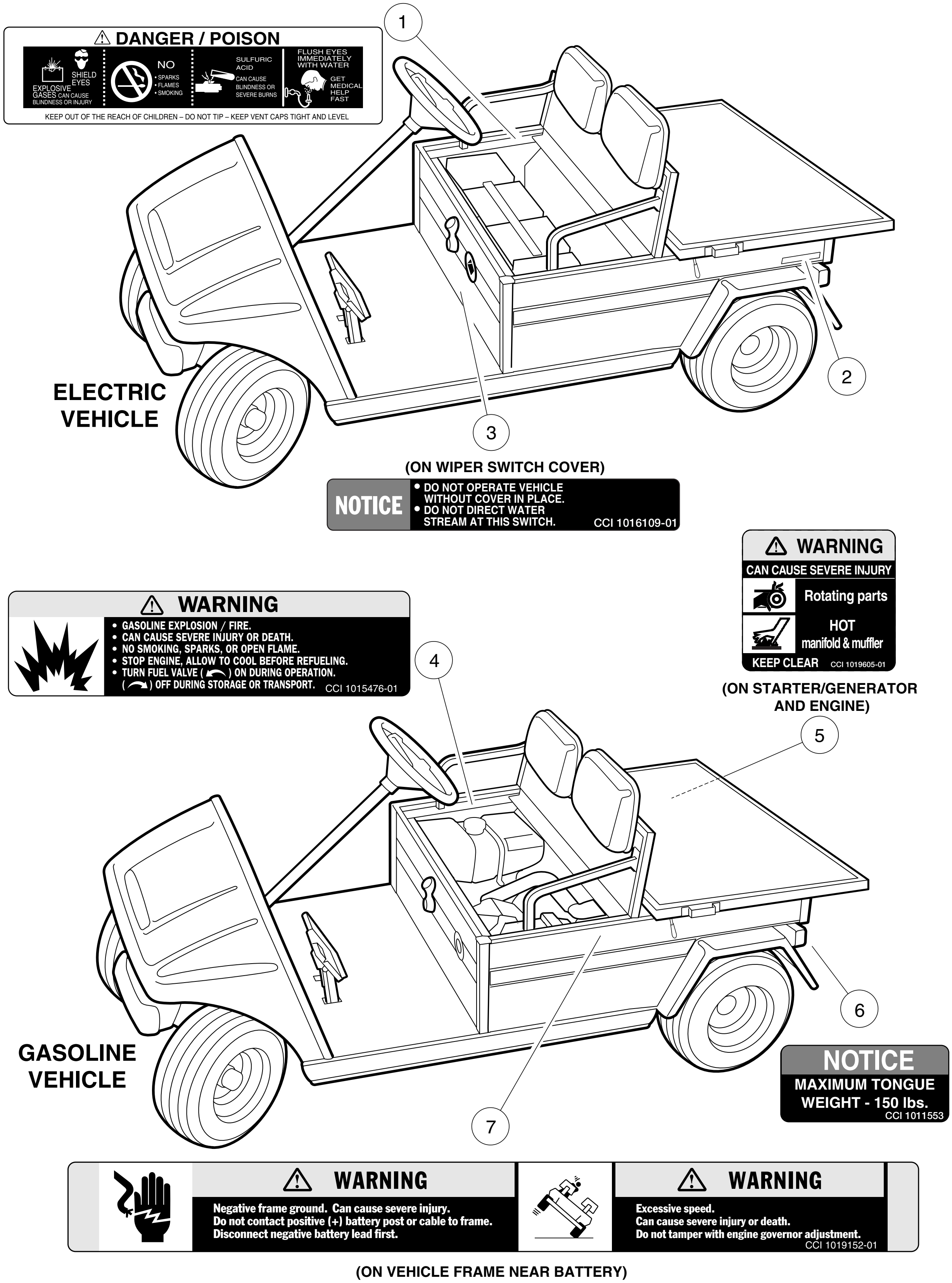
- Vehicle rated capacity - 1200 lbs. on level surface only. Weight to include passengers, cargo bed load, and gross trailer weight. See Owner's Manual.
- Maximum cargo load - 800 lbs. Weight to include cargo bed load and gross trailer weight.
- Maximum trailer hitch tongue weight - 150 lbs.
- Cargo should be evenly spread over the floor of the cargo bed as far forward as possible and secured.
- For vehicle stability, when fully loaded, drive slowly and avoid stopping on or backing down steep hills.
- Avoid top heavy loads. See Owner's Manual.
- When driving on uneven terrain or down steep hills, reduce speed and load.

CCI 1019602-01

TURF/CARRYALL 2 AND CARRYALL 2 PLUS

DECALS – TURF/CARRYALL 1, 2, AND 2 PLUS

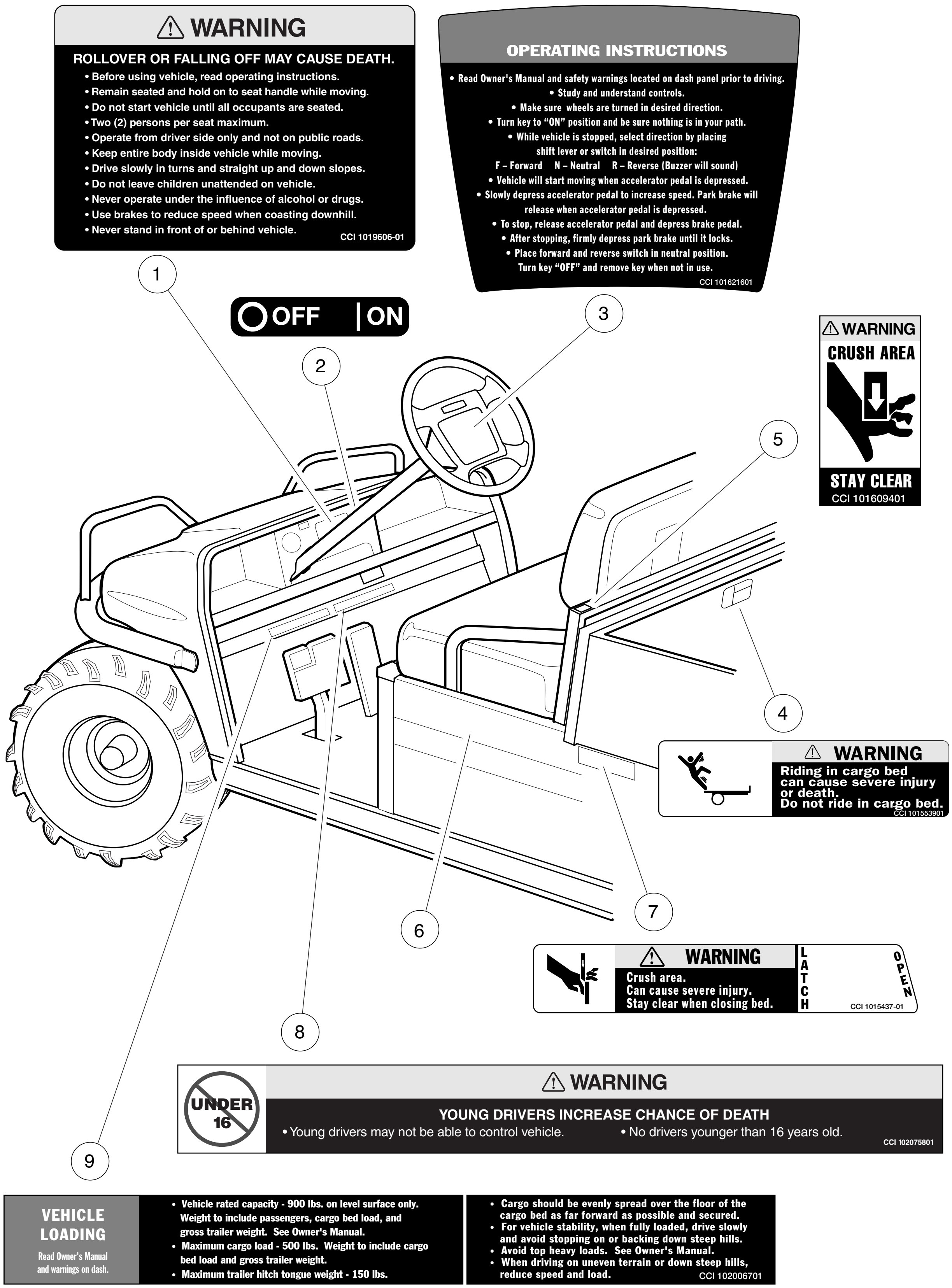
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101960601	Decal, Driver/Passenger Warning	1	1
2	101825101	Decal, Key Switch (Turf/Carryall 1 and 2)	1	1
2	101825102	Decal, Key Switch (Carryall 2 Plus only)	1	
3	101621601	Decal, Operating Instructions (Turf/Carryall 1 and 2)	1	1
3	101693201	Decal, Operating Instructions (Carryall 2 Plus only)	1	
4	101553901	Decal, Bed Load Warning	1	1
5	101609401	Decal, Crush Area	2	2
6	102158201	Decal, Turf 1 (driver side) (includes item 7)	1	1
6	102156901	Decal, Turf 1 (passenger side) (includes item 7)	1	1
6	102158401	Decal, Turf 2 (driver side) (includes item 7)	1	1
6	102157101	Decal, Turf 2 (passenger side) (includes item 7)	1	1
6	102157501	Decal, Carryall 1 (driver side) (includes item 7)	1	1
6	102156201	Decal, Carryall 1 (passenger side) (includes item 7)	1	1
6	102157801	Decal, Carryall 2 (driver side) (includes item 7)	1	1
6	102156501	Decal, Carryall 2 (passenger side) (includes item 7)	1	1
6	102157701	Decal, Carryall 2 Plus (driver side) (includes item 7)	1	1
6	102156401	Decal, Carryall 2 Plus (passenger side) (includes item 7)	1	1
7	N/A	Decal, Bed Latch Warning	1	1
8	101960101	Decal, Vehicle Loading (Turf/Carryall 1 only)	1	1
8	101960201	Decal, Vehicle Loading (Turf/Carryall 2 and 2 Plus)	1	1


DANGER / POISON
SHIELD EYES
EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY
NO
• SPARKS
• FLAMES
• SMOKING
SULFURIC ACID
CAN CAUSE BLINDNESS OR SEVERE BURNS
FLUSH EYES IMMEDIATELY WITH WATER
GET MEDICAL HELP FAST
KEEP OUT OF THE REACH OF CHILDREN – DO NOT TIP – KEEP VENT CAPS TIGHT AND LEVEL
1
2
3
ELECTRIC VEHICLE
(ON WIPER SWITCH COVER)
NOTICE
• DO NOT OPERATE VEHICLE WITHOUT COVER IN PLACE.
• DO NOT DIRECT WATER STREAM AT THIS SWITCH.
CCI 1016109-01
WARNING
CAN CAUSE SEVERE INJURY
Rotating parts
HOT manifold & muffler
KEEP CLEAR
CCI 1019605-01
(ON STARTER/GENERATOR AND ENGINE)
WARNING
• GASOLINE EXPLOSION / FIRE.
• CAN CAUSE SEVERE INJURY OR DEATH.
• NO SMOKING, SPARKS, OR OPEN FLAME.
• STOP ENGINE, ALLOW TO COOL BEFORE REFUELING.
• TURN FUEL VALVE ( ) ON DURING OPERATION.
( ) OFF DURING STORAGE OR TRANSPORT.
CCI 1015476-01
4
5
6
7
GASOLINE VEHICLE
NOTICE
MAXIMUM TONGUE WEIGHT - 150 lbs.
CCI 1011553
WARNING
Negative frame ground. Can cause severe injury.
Do not contact positive (+) battery post or cable to frame.
Disconnect negative battery lead first.
WARNING
Excessive speed.
Can cause severe injury or death.
Do not tamper with engine governor adjustment.
CCI 1019152-01
(ON VEHICLE FRAME NEAR BATTERY)

DECALS – TURF/CA 1, 2, AND 2 PLUS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1013677	Decal, Battery Danger		1
2	101921901	Decal, Ingersoll-Rand	2	2
3	101610901	Decal, Potentiometer (Turf/Carryall 1 with serial numbers lower than 0112-001470)		1
4	101547601	Decal, Gasoline Warning	1	
5	101960501	Decal, Rotating Parts and Hot Manifold	2	
6	1011553	Decal, Trailer Hitch (Turf 1, Turf 2, Carryall 2 and 2 Plus)	1	1
7	101915201	Decal, Frame Ground and Governor Warning	1	

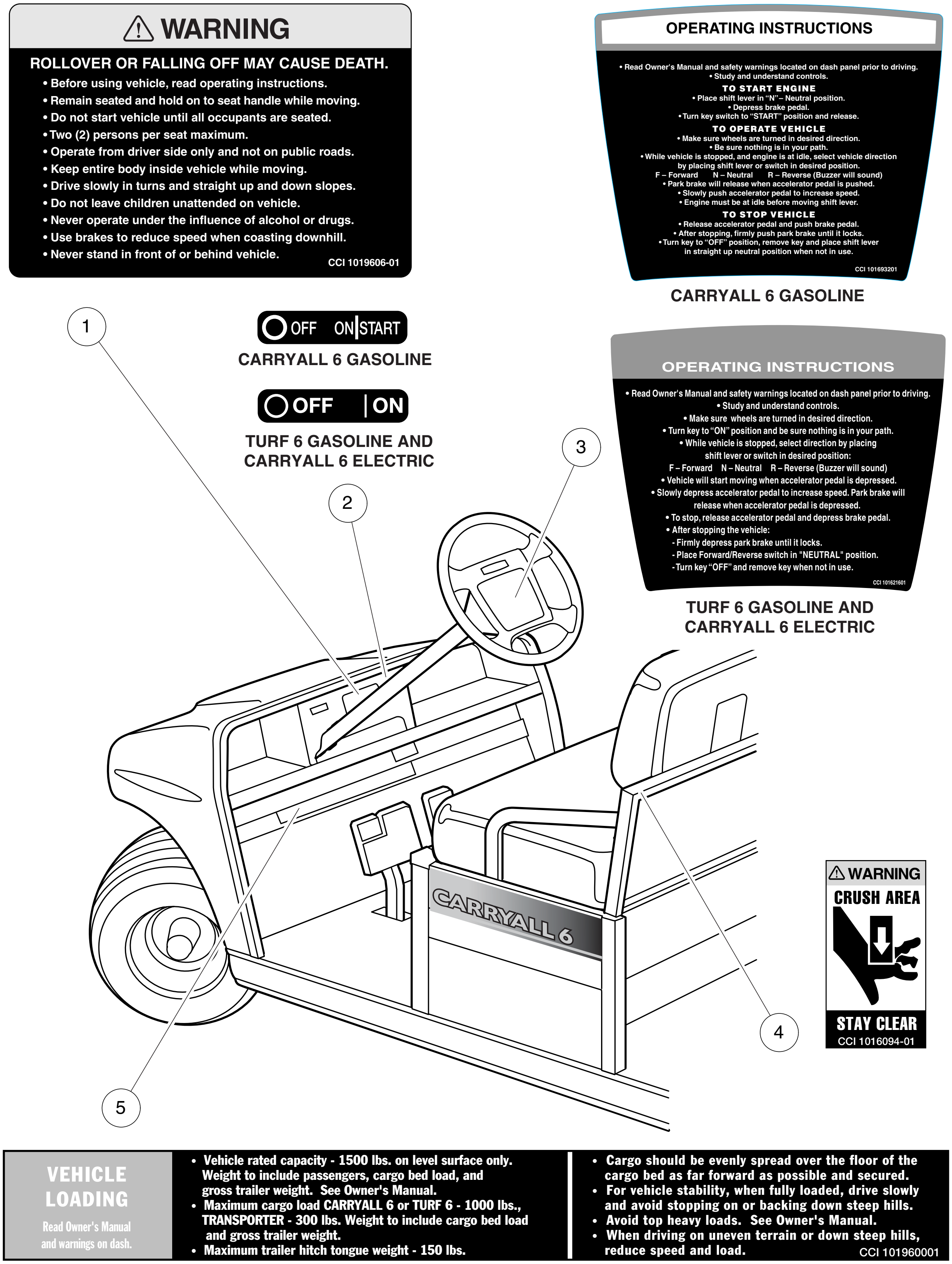
3
G
E



WARNING
ROLLOVER OR FALLING OFF MAY CAUSE DEATH.
• Before using vehicle, read operating instructions.
• Remain seated and hold on to seat handle while moving.
• Do not start vehicle until all occupants are seated.
• Two (2) persons per seat maximum.
• Operate from driver side only and not on public roads.
• Keep entire body inside vehicle while moving.
• Drive slowly in turns and straight up and down slopes.
• Do not leave children unattended on vehicle.
• Never operate under the influence of alcohol or drugs.
• Use brakes to reduce speed when coasting downhill.
• Never stand in front of or behind vehicle.
CCI 1019606-01
OPERATING INSTRUCTIONS
• Read Owner's Manual and safety warnings located on dash panel prior to driving.
• Study and understand controls.
• Make sure wheels are turned in desired direction.
• Turn key to "ON" position and be sure nothing is in your path.
• While vehicle is stopped, select direction by placing shift lever or switch in desired position:
F – Forward N – Neutral R – Reverse (Buzzer will sound)
• Vehicle will start moving when accelerator pedal is depressed.
• Slowly depress accelerator pedal to increase speed. Park brake will release when accelerator pedal is depressed.
• To stop, release accelerator pedal and depress brake pedal.
• After stopping, firmly depress park brake until it locks.
• Place forward and reverse switch in neutral position.
Turn key "OFF" and remove key when not in use.
CCI 101621601
1
OFF
ON
2
3
WARNING
CRUSH AREA
STAY CLEAR
CCI 101609401
5
4
WARNING
Riding in cargo bed can cause severe injury or death.
Do not ride in cargo bed.
CCI 101553901
6
7
WARNING
Crush area.
Can cause severe injury.
Stay clear when closing bed.
LATCH
OPEN
CCI 1015437-01
8
UNDER 16
WARNING
YOUNG DRIVERS INCREASE CHANCE OF DEATH
• Young drivers may not be able to control vehicle.
• No drivers younger than 16 years old.
CCI 102075801
9
VEHICLE LOADING
Read Owner's Manual and warnings on dash.
• Vehicle rated capacity - 900 lbs. on level surface only. Weight to include passengers, cargo bed load, and gross trailer weight. See Owner's Manual.
• Maximum cargo load - 500 lbs. Weight to include cargo bed load and gross trailer weight.
• Maximum trailer hitch tongue weight - 150 lbs.
• Cargo should be evenly spread over the floor of the cargo bed as far forward as possible and secured.
• For vehicle stability, when fully loaded, drive slowly and avoid stopping on or backing down steep hills.
• Avoid top heavy loads. See Owner's Manual.
• When driving on uneven terrain or down steep hills, reduce speed and load.
CCI 102006701

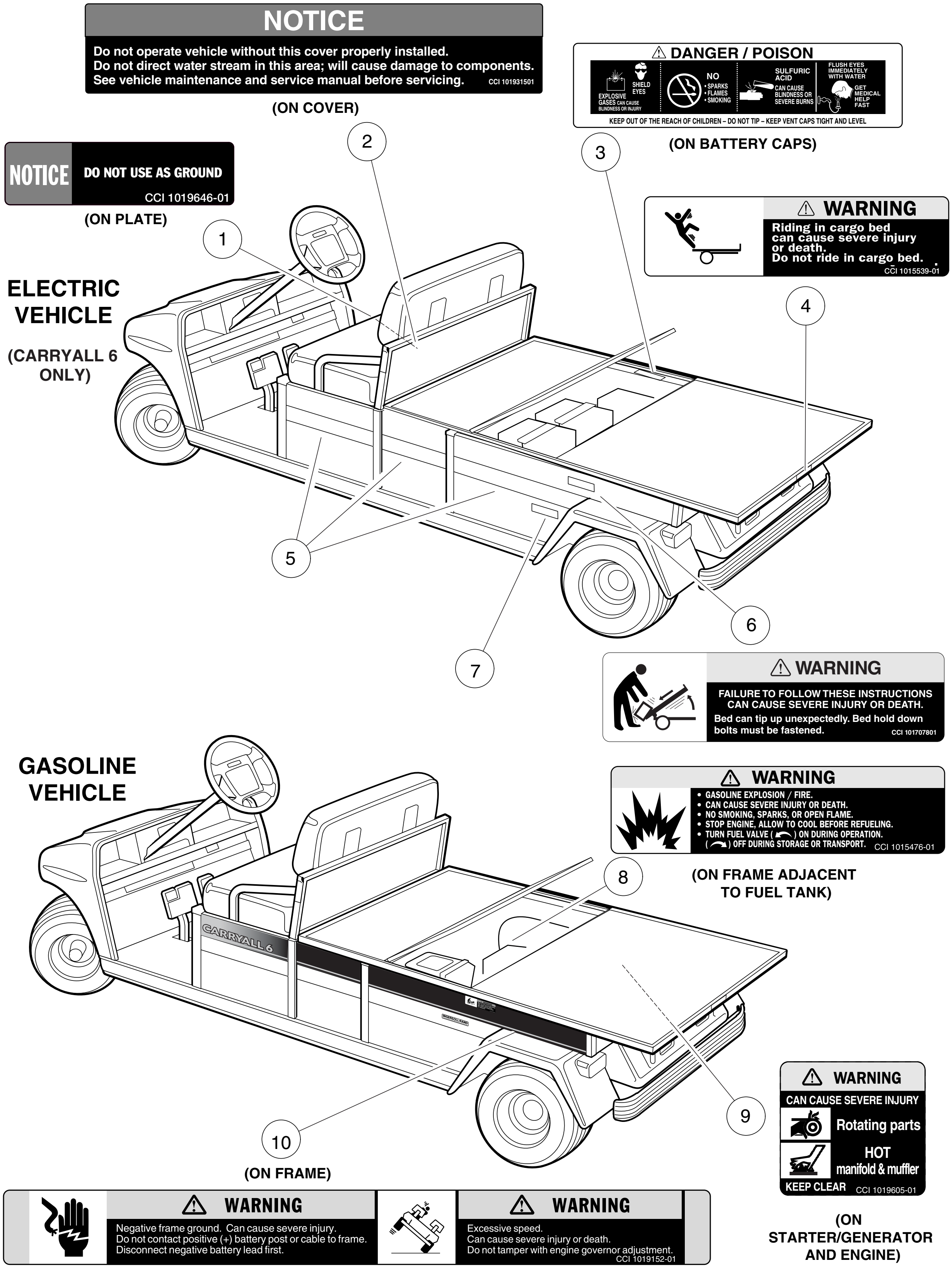
DECALS – TURF/CARRYALL 2 XRT

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101960601	Decal, Driver/Passenger Warning	1	
2	101825101	Decal, Key Switch	1	
3	101621601	Decal, Operating Instructions	1	
4	101553901	Decal, Bed Load Warning	1	
5	101609401	Decal, Crush Area	2	
6	102158501	Decal, Turf 2 XRT (driver side) (includes item 7)	1	
6	102157201	Decal, Turf 2 XRT (passenger side) (includes item 7)	1	
6	102184502	Decal, Carryall 2 XRT (driver side) (includes item 7)	1	
6	102184501	Decal, Carryall 2 XRT (passenger side) (includes item 7)	1	
7	N/A	Decal, Bed Latch Warning	1	
8	102075801	Decal, Young Driver Warning	1	
9	102006701	Decal, Vehicle Loading	1	


WARNING
ROLLOVER OR FALLING OFF MAY CAUSE DEATH.
• Before using vehicle, read operating instructions.
• Remain seated and hold on to seat handle while moving.
• Do not start vehicle until all occupants are seated.
• Two (2) persons per seat maximum.
• Operate from driver side only and not on public roads.
• Keep entire body inside vehicle while moving.
• Drive slowly in turns and straight up and down slopes.
• Do not leave children unattended on vehicle.
• Never operate under the influence of alcohol or drugs.
• Use brakes to reduce speed when coasting downhill.
• Never stand in front of or behind vehicle.
CCI 1019606-01
OPERATING INSTRUCTIONS
• Read Owner's Manual and safety warnings located on dash panel prior to driving.
• Study and understand controls.
TO START ENGINE
• Place shift lever in "N" – Neutral position.
• Depress brake pedal.
• Turn key switch to "START" position and release.
TO OPERATE VEHICLE
• Make sure wheels are turned in desired direction.
• Be sure nothing is in your path.
• While vehicle is stopped, and engine is at idle, select vehicle direction by placing shift lever or switch in desired position.
F – Forward N – Neutral R – Reverse (Buzzer will sound)
• Park brake will release when accelerator pedal is pushed.
• Slowly push accelerator pedal to increase speed.
• Engine must be at idle before moving shift lever.
TO STOP VEHICLE
• Release accelerator pedal and push brake pedal.
• After stopping, firmly push park brake until it locks.
• Turn key to "OFF" position, remove key and place shift lever in straight up neutral position when not in use.
CCI 101693201
CARRYALL 6 GASOLINE
1
OFF ON START
CARRYALL 6 GASOLINE
OFF ON
TURF 6 GASOLINE AND CARRYALL 6 ELECTRIC
OPERATING INSTRUCTIONS
• Read Owner's Manual and safety warnings located on dash panel prior to driving.
• Study and understand controls.
• Make sure wheels are turned in desired direction.
• Turn key to "ON" position and be sure nothing is in your path.
• While vehicle is stopped, select direction by placing shift lever or switch in desired position:
F – Forward N – Neutral R – Reverse (Buzzer will sound)
• Vehicle will start moving when accelerator pedal is depressed.
• Slowly depress accelerator pedal to increase speed. Park brake will release when accelerator pedal is depressed.
• To stop, release accelerator pedal and depress brake pedal.
• After stopping the vehicle:
- Firmly depress park brake until it locks.
- Place Forward/Reverse switch in "NEUTRAL" position.
- Turn key "OFF" and remove key when not in use.
CCI 101621601
TURF 6 GASOLINE AND CARRYALL 6 ELECTRIC
3
2
CARRYALL 6
WARNING
CRUSH AREA
STAY CLEAR
CCI 1016094-01
4
5
VEHICLE LOADING
Read Owner's Manual and warnings on dash.
• Vehicle rated capacity - 1500 lbs. on level surface only. Weight to include passengers, cargo bed load, and gross trailer weight. See Owner's Manual.
• Maximum cargo load CARRYALL 6 or TURF 6 - 1000 lbs., TRANSPORTER - 300 lbs. Weight to include cargo bed load and gross trailer weight.
• Maximum trailer hitch tongue weight - 150 lbs.
• Cargo should be evenly spread over the floor of the cargo bed as far forward as possible and secured.
• For vehicle stability, when fully loaded, drive slowly and avoid stopping on or backing down steep hills.
• Avoid top heavy loads. See Owner's Manual.
• When driving on uneven terrain or down steep hills, reduce speed and load.
CCI 101960001

DECALS – TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101960601	Decal, Driver/Passenger Warning	1	1
2	101825102	Decal, Key Switch (Carryall 6 gasoline vehicle)	1	
2	101825101	Decal, Key Switch (Turf 6 gasoline, Carryall 6 electric vehicle)	1	1
3	101693201	Decal, Operating Instructions (Carryall 6 gasoline vehicle)	1	
3	101621601	Decal, Operating Instructions (Turf 6 gasoline, Carryall 6 electric vehicle)	1	1
4	101609401	Decal, Crush Area	2	2
5	101960001	Decal, Vehicle Loading	1	1


NOTICE
Do not operate vehicle without this cover properly installed.
Do not direct water stream in this area; will cause damage to components.
See vehicle maintenance and service manual before servicing. CCI 101931501
(ON COVER)
DANGER / POISON
SHIELD EYES
EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY
NO • SPARKS • FLAMES • SMOKING
SULFURIC ACID
CAN CAUSE BLINDNESS OR SEVERE BURNS
FLUSH EYES IMMEDIATELY WITH WATER
GET MEDICAL HELP FAST
KEEP OUT OF THE REACH OF CHILDREN – DO NOT TIP – KEEP VENT CAPS TIGHT AND LEVEL
(ON BATTERY CAPS)
NOTICE
DO NOT USE AS GROUND
CCI 1019646-01
(ON PLATE)
WARNING
Riding in cargo bed can cause severe injury or death.
Do not ride in cargo bed.
CCI 1015539-01
ELECTRIC VEHICLE
(CARRYALL 6 ONLY)
1
2
3
4
5
6
7
WARNING
FAILURE TO FOLLOW THESE INSTRUCTIONS CAN CAUSE SEVERE INJURY OR DEATH.
Bed can tip up unexpectedly. Bed hold down bolts must be fastened.
CCI 101707801
GASOLINE VEHICLE
WARNING
• GASOLINE EXPLOSION / FIRE.
• CAN CAUSE SEVERE INJURY OR DEATH.
• NO SMOKING, SPARKS, OR OPEN FLAME.
• STOP ENGINE, ALLOW TO COOL BEFORE REFUELING.
• TURN FUEL VALVE ( ) ON DURING OPERATION.
( ) OFF DURING STORAGE OR TRANSPORT.
CCI 1015476-01
(ON FRAME ADJACENT TO FUEL TANK)
8
CARRYALL 6
9
10
(ON FRAME)
WARNING
CAN CAUSE SEVERE INJURY
Rotating parts
HOT manifold & muffler
KEEP CLEAR
CCI 1019605-01
(ON STARTER/GENERATOR AND ENGINE)
WARNING
Negative frame ground. Can cause severe injury.
Do not contact positive (+) battery post or cable to frame.
Disconnect negative battery lead first.
WARNING
Excessive speed.
Can cause severe injury or death.
Do not tamper with engine governor adjustment.
CCI 1019152-01

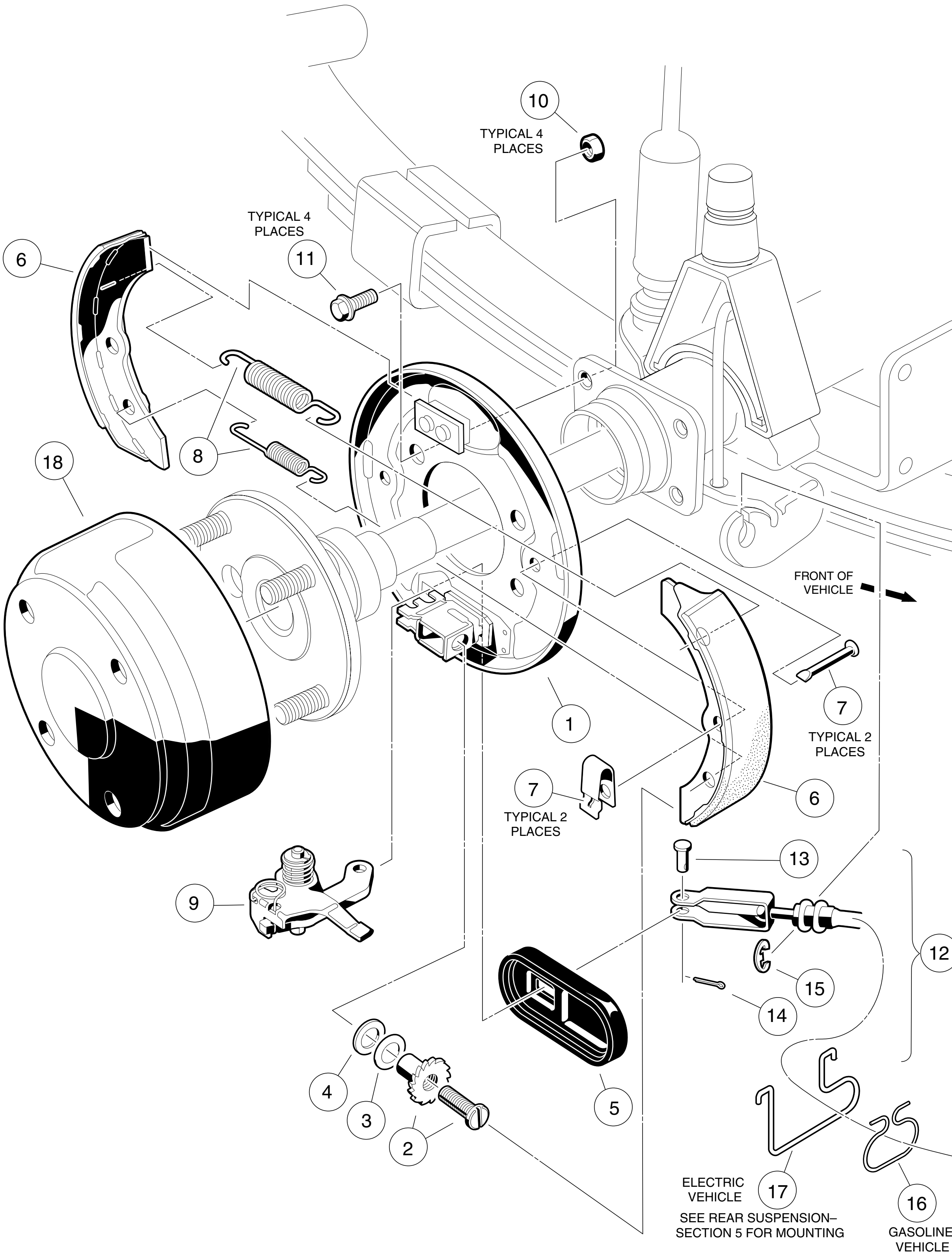
DECALS – TURF/CARRYALL 6, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101964601	Decal, No Ground (Carryall 6 only)		1
2	101931501	Decal, Component Cover (Carryall 6 only)		1
3	1013677	Decal, Battery Danger (Carryall 6 only)		1
4	101553901	Decal, Bed Load Warning	1	1
5	102158601	Decal, Turf 6 (driver side) (includes item 6)	1	
5	102157301	Decal, Turf 6 (passenger side) (includes item 6)	1	
5	102157901	Decal, Carryall 6 (driver side) (includes item 6)	1	1
5	102156601	Decal, Carryall 6 (passenger side) (includes item 6)	1	1
6	101707801	Decal, Bed Bolt	1	1
7	101921901	Decal, Ingersoll-Rand	2	2
8	101547601	Decal, Gasoline Warning	1	
9	101960501	Decal, Rotating Parts and Hot Manifold	2	
10	101915201	Decal, Frame Ground and Governor Warning	1	

3
G
E

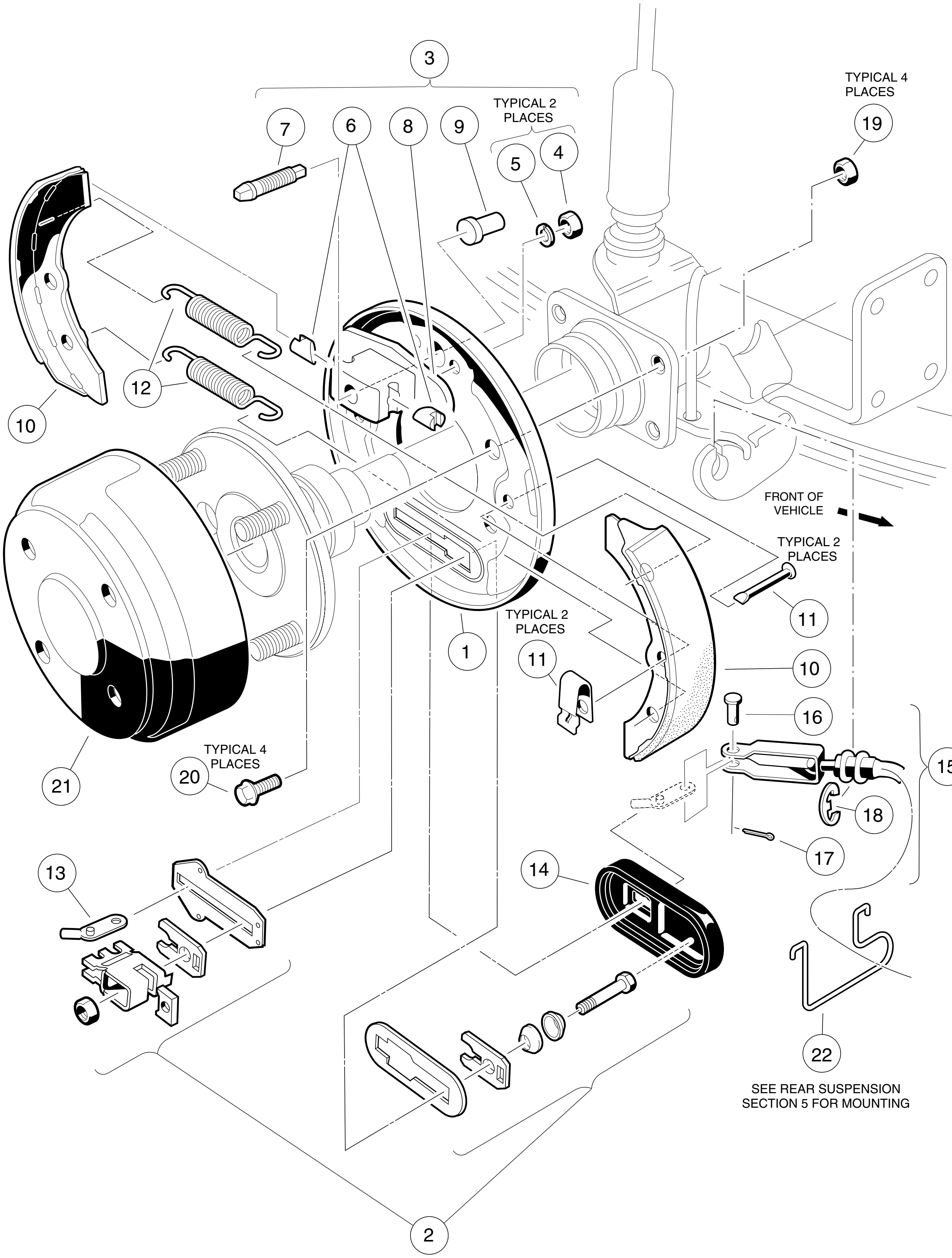
BRAKES, PEDAL, AND CABLE ASSEMBLIES

4
G
E


10
TYPICAL 4 PLACES
TYPICAL 4 PLACES
11
6
8
18
FRONT OF VEHICLE
1
7
TYPICAL 2 PLACES
7
TYPICAL 2 PLACES
6
13
9
12
15
14
4
3
2
5
ELECTRIC VEHICLE
17
SEE REAR SUSPENSION–SECTION 5 FOR MOUNTING
16
GASOLINE VEHICLE

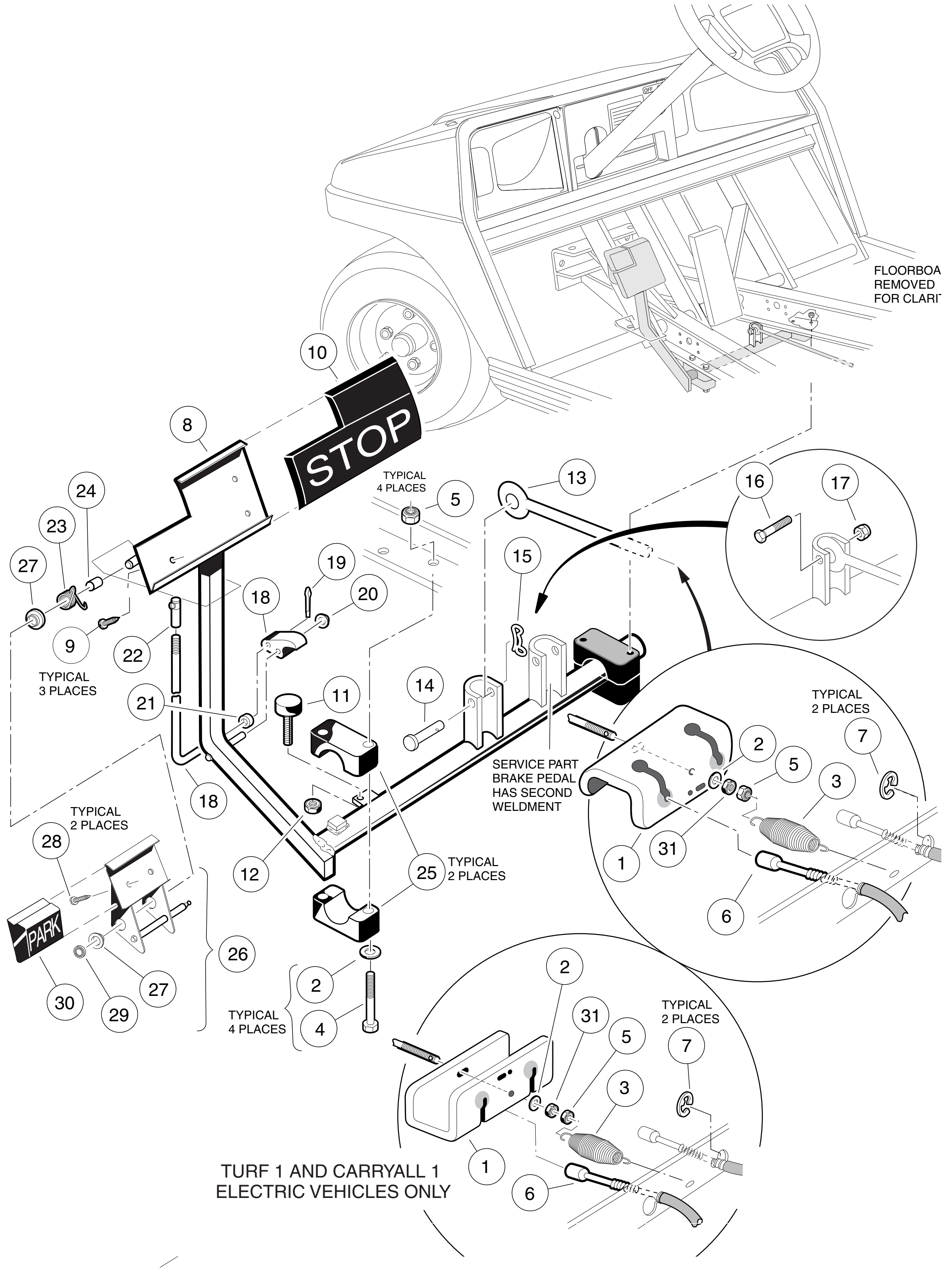
REAR BRAKE ASSEMBLY, SELF-ADJUSTING – TURF/CARRYALL 1

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	101823301	Cluster, Brake, Passenger-Side (includes items 1 - 9)	1	1
	101823302	Cluster, Brake, Driver-Side (includes items 1 - 9)	1	1
1	101824001	Assembly, Backing Plate, Passenger-Side (includes items 2 - 4)	1	1
1	101824002	Assembly, Backing Plate, Driver-Side (includes items 2 - 4)	1	1
2	101816501	Mechanism, Adjusting, Passenger-Side	1	1
2	101816502	Mechanism, Adjusting, Driver-Side	1	1
3	101823901	Washer	1	1
4	101823801	Washer, Plate	1	1
5	1010850	Cover, Dust	1	1
6	101823201	Package, Brake Shoe (four pieces)	1	1
7	1011466	Kit, Shoe Retainer (four pieces)	1	1
8	101816301	Package, Brake Spring (four pieces)	1	1
9	101815501	Assembly, Lever, Passenger-Side	1	1
9	101815502	Assembly, Lever, Driver-Side	1	1
10	1013924	Nut, Hex-Head Lock, Grade 8, 5/16-24	8	8
11	1014153	Bolt, Brake Cluster Mounting, Grade 8, 5/16-24 x 7/8	8	8
12	102022101	Kit, Brake Cable (includes items 13 -15)	2	2
13	1010829	Pin, Clevis, 5/16	1	1
14	1035	Pin, Cotter, 3/32 x 1	1	1
15	1011779	E-Clip, 1/2	2	2
16	101900801	Hanger, Brake Cable (gasoline vehicle only)	2	
17	1013207	Hanger, Brake Cable (electric vehicle only)		2
18	101791101	Drum, Brake	2	2


3
TYPICAL 2 PLACES
TYPICAL 4 PLACES
7
6
8
9
5
4
19
12
10
FRONT OF VEHICLE
TYPICAL 2 PLACES
11
TYPICAL 2 PLACES
1
11
10
16
15
TYPICAL 4 PLACES
21
20
18
17
13
14
22
SEE REAR SUSPENSION SECTION 5 FOR MOUNTING
2

REAR BRAKE ASSEMBLY, MANUALLY ADJUSTED – TURF/CARRYALL 2, XRT, 2 PLUS AND 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	1016573	Cluster, Brake, Passenger-Side, without Brake Drum (includes items 1 - 14)	1	1
	1016557	Cluster, Brake, Driver-Side, without Brake Drum (includes items 1 - 14)	1	1
1	N/A	Plate, Backing, Driver-Side	1	1
1	N/A	Plate, Backing, Passenger-Side	1	1
2	1011465	Kit, Brake Actuator	1	1
3	1011467	Kit, Anchor Body (includes items 4 - 9)	1	1
4	1011114	Nut, M6 x 1	2	2
5	451	Washer, Lock, 1/4	2	2
6	N/A	Piston, Anchor	2	2
7	N/A	Bolt, Adjustment	1	1
8	N/A	Body, Anchor	1	1
9	1011303	Cap, Adjustment Bolt	1	1
10	101146302	Package, Brake Shoe (four pieces)	1	1
11	1011466	Kit, Shoe Retainer (four pieces)	1	1
12	1011464	Package, Brake Spring (four pieces)	1	1
13	N/A	Arm, Brake Lever	1	1
14	1010850	Cover, Dust	1	1
15	102022101	Kit, Brake Cable (two-sheel brake vehicles only) (includes one each of items 16 and 17 and two each of item 18)	2	2
15	102166901	Kit, Brake Cable (four-wheel brake vehicles only) (includes one each of item 16 - 18)	2	2
16	1010829	Pin, Clevis, 5/16	2	2
17	1035	Pin, Cotter, 3/32 x 1	2	2
18	1011779	E-Clip, 1/2	2	2
19	1013924	Nut, Cone Lock, Grade 8, 5/16-24	8	8
20	1014153	Bolt, Brake Cluster Mounting, Grade 8, 5/16-24 x 7/8	8	8
21	101791101	Drum, Brake	2	2
22	1013207	Hanger, Brake Cable	2	2

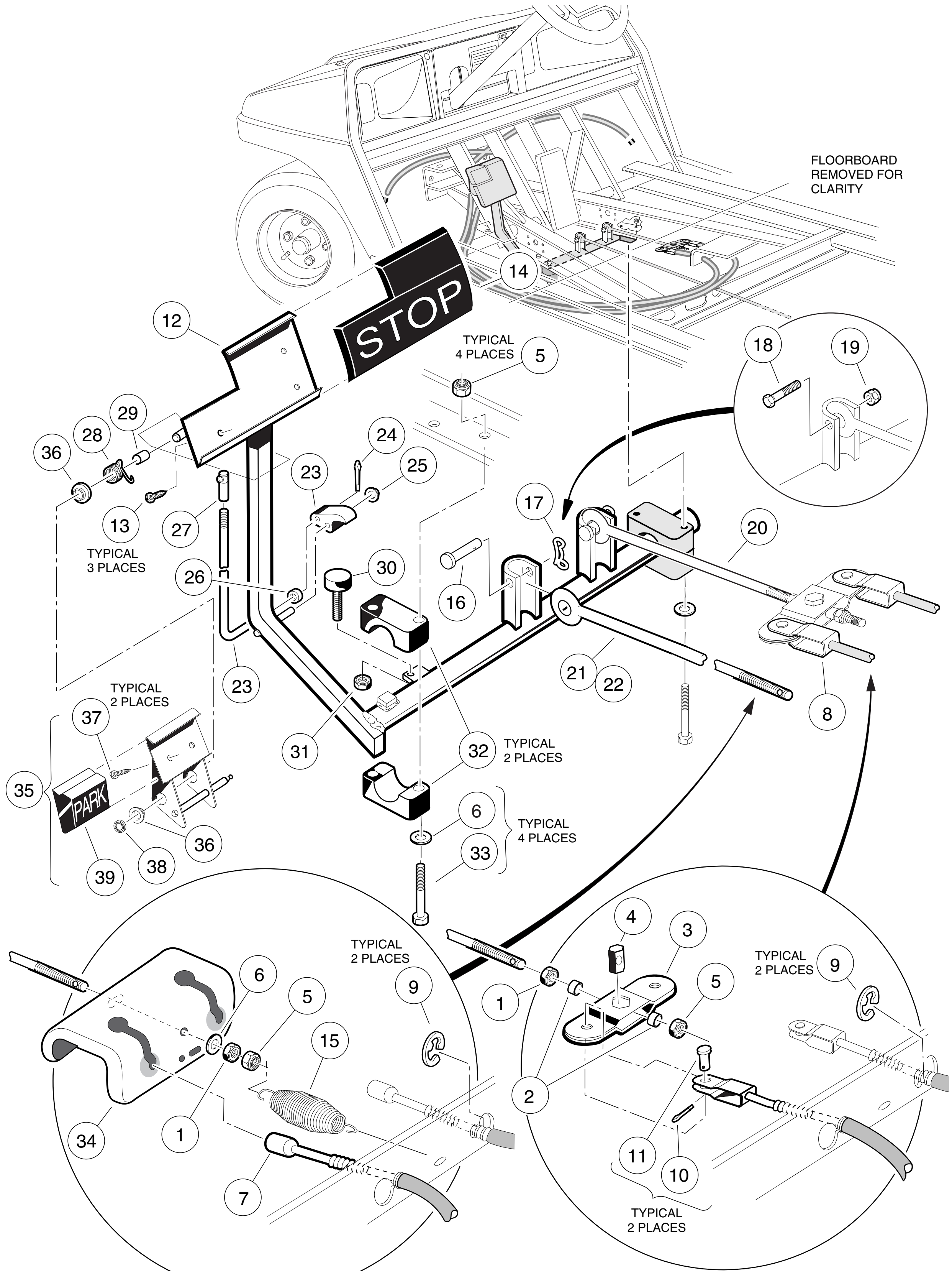

FLOORBOA
REMOVED
FOR CLARI
10
8
STOP
TYPICAL
4 PLACES
5
13
16
17
24
23
27
19
15
18
20
9
22
TYPICAL
3 PLACES
21
11
14
TYPICAL
2 PLACES
7
2
5
3
SERVICE PART
BRAKE PEDAL
HAS SECOND
WELDMENT
18
TYPICAL
2 PLACES
28
1
31
12
25
TYPICAL
2 PLACES
6
PARK
26
2
30
27
29
TYPICAL
4 PLACES
4
31
TYPICAL
2 PLACES
5
7
3
1
6
TURF 1 AND CARRYALL 1
ELECTRIC VEHICLES ONLY

BRAKE PEDAL AND CABLE ASSEMBLY – VEHICLE WITH TWO-WHEEL BRAKES

4
G
E

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101990801	Equalizer	1	1
2	1241	Washer, Flat, 5/16	5	5
3	1013531	Spring, Brake Return	1	1
4	1010921	Screw, Hex-Head Cap, 5/16-18 x 2-1/2	4	4
5	7473	Nut, Nylon Lock, 5/16-18	5	5
6	102022101	Kit, Brake Cable (includes item 7, and items 13 and 14 on page 4-3)	2	2
7	1011779	E-Clip, 1/2	2	2
8	101878201	Kit, Brake Pedal (includes items 9 and 10)	1	1
9	7716	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	3	3
10	1013869	Pad, Brake Pedal	1	1
11	1010878	Bumper, Rubber	1	1
12	1028	Nut, Hex, 1/4-20	1	1
13	101953101	Rod, Equalizer (Turf/Carryall 1 only)	1	1
13	101953102	Rod, Equalizer (Turf/Carryall 2 only)	1	1
14	102323201	Pin, Clevis, 5/16 (later style hardware used with item 15)	1	1
15	102323101	Pin, Bow Tie Locking	1	1
16	101953001	Bolt, Hex-Head Shoulder, 3/8 x 1 (earlier style hardware used with item 17)	1	1
17	7473	Nut, Nylon Lock, 5/16-18	1	1
	101187702	Kit, Park Brake Latch (includes items 18 - 22 and item 26 on page 4-13)	1	1
18	N/A	Rod and Pawl	1	1
19	1017029	Pin, Cotter, 7/64 x 1/2	1	1
20	1010877	Nut, Push, 5/16	1	1
21	1010805	Sleeve, Park Brake Rod	1	1
22	1010932	Joint, Ball, 1/4-28	1	1
23	1010933	Spring, Park Brake Torsion	1	1
24	1010927	Spacer, Park Brake	1	1
25	1011402	Package, Brake Mounting Block (contains upper and lower for driver and passenger sides)	1	1
26	1011418	Kit, Park Brake Pedal (includes items 27 - 30)	1	1
27	1032	Bushing, Nylon	2	2
28	8626	Screw, Slotted Hex Washer-Head, #10-16 x 5/8	2	2
29	1013876	Nut, Push, 3/8	1	1
30	1013870	Pad, Park Brake	1	1
31	1242	Nut, Hex, 5/16-18	1	1

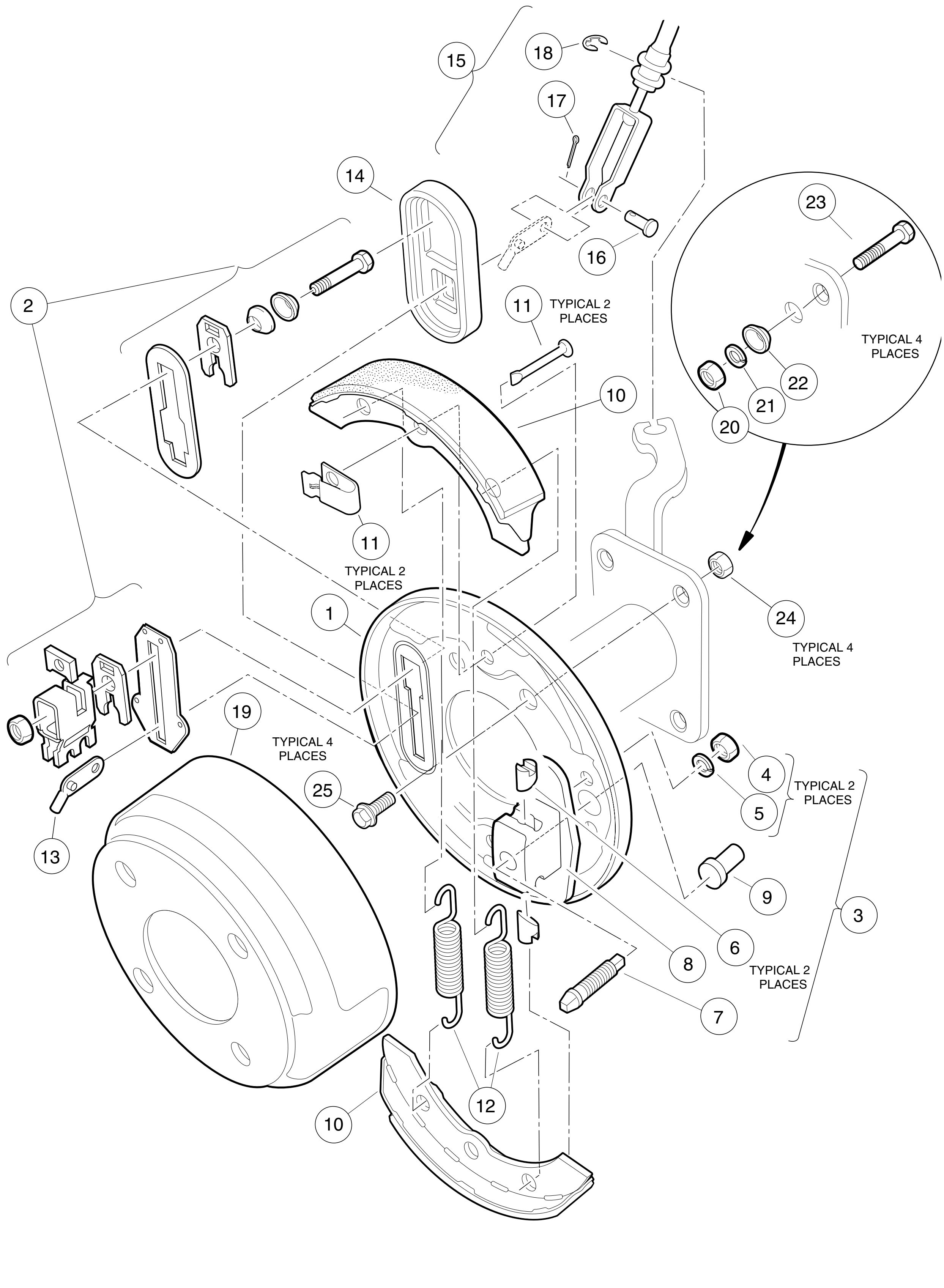
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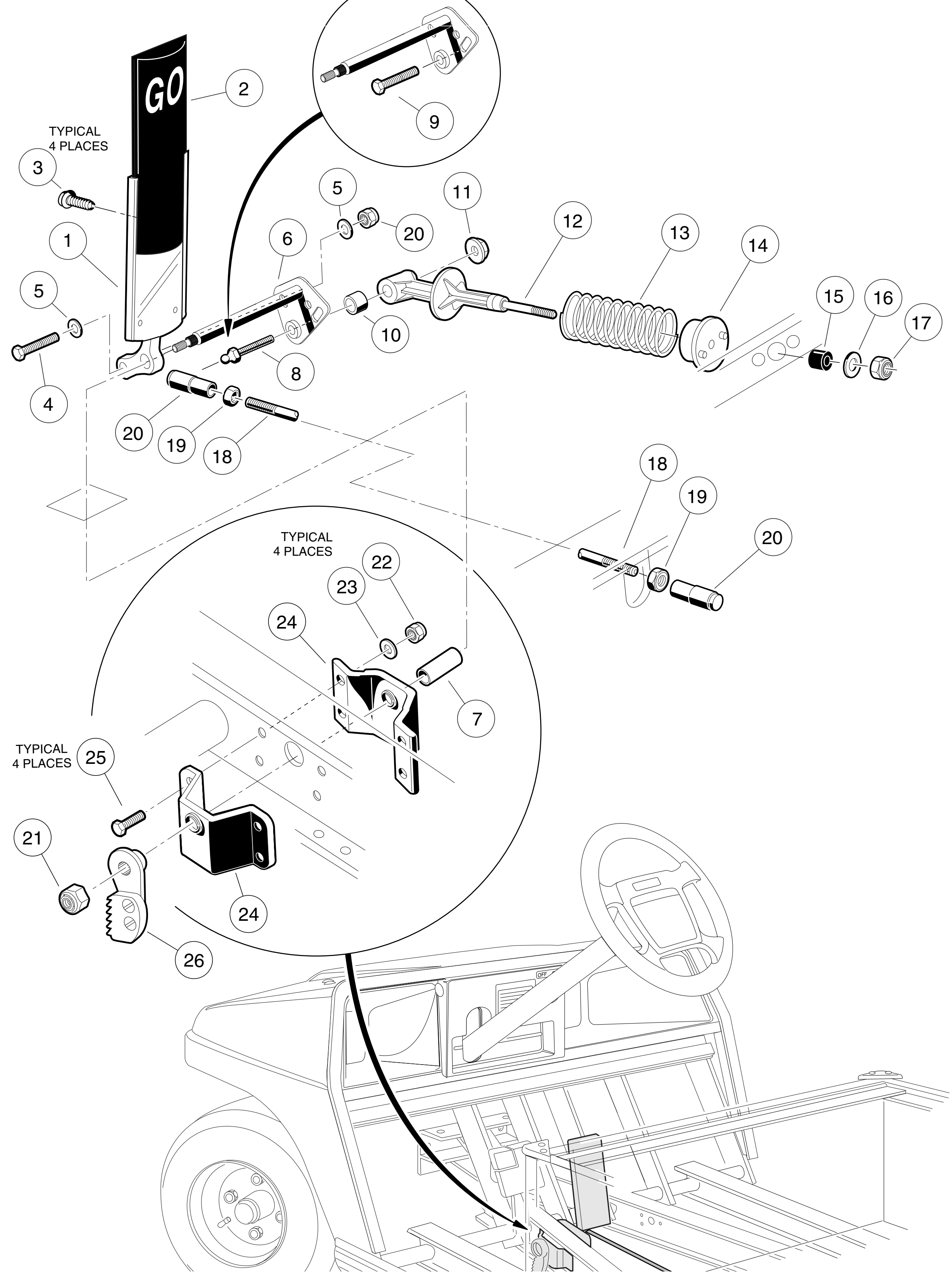
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BRAKE PEDAL AND CABLE ASSEMBLY – VEHICLE WITH FOUR-WHEEL BRAKES

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1242	Nut, Hex, 5/16-18	2	2
2	101865301	Spacer, Equalizer	2	2
3	1017211	Kit, Equalizer And Pivot Limiter (includes item 4)	1	1
4	N/A	Pin, Equalizer Pivot	1	1
5	7473	Nut, Nylon Lock, 5/16-18	5	5
6	1241	Washer, Flat, 5/16	5	5
7	102166901	Kit, Brake Cable, Rear (includes four each of item 9 and two each of items 10 and 11)	1	1
8	101874601	Kit, Brake Cable, Front (includes items 9 - 11)	1	1
9	1011779	E-Clip, 1/2	4	4
10	1035	Pin, Cotter, 3/32 x 1	4	4
11	1010829	Pin, Clevis, 5/16	4	4
12	101878201	Kit, Brake Pedal (includes items 13 and 14)	1	1
13	7716	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	3	3
14	1013869	Pad, Brake Pedal	1	1
15	1013531	Spring, Brake Return	1	1
16	102323201	Pin, Clevis, 5/16 (newer style hardware used with item 17)	2	2
17	102323101	Pin, Bow Tie Locking	2	2
18	101953001	Bolt, Hex-Head Shoulder, 3/8 x 1 (older style hardware used with item 19)	2	2
19	7473	Nut, Nylon Lock, 5/16-18	2	2
20	101953106	Rod, Equalizer, Front	1	1
21	101953102	Rod, Equalizer, Rear (Turf/Carryall 2 and 2 Plus)	1	1
22	101953103	Rod, Equalizer, Rear (Turf/Carryall 6)	1	1
	101187702	Kit, Park Brake Latch (includes items 23 - 27 and item 26 on page 4-13 or item 25 on page 4-15)	1	1
23	N/A	Rod and Pawl	1	1
24	1017029	Pin, Cotter, 7/64 x 1/2	1	1
25	1010877	Nut, Push, 5/16	1	1
26	1010805	Sleeve, Park Brake Rod	1	1
27	1010932	Joint, Ball, 1/4-28	1	1
28	1010933	Spring, Park Brake Torsion	1	1
29	1010927	Spacer, Park Brake	1	1
30	1010878	Bumper, Rubber	1	1
31	1028	Nut, Hex, 1/4-20	1	1
32	1011402	Package, Brake Mounting Block (contains upper and lower for left and right sides)	1	1
33	1010921	Screw, Hex-Head Cap, 5/16-18 x 2-1/2	4	4
34	101990801	Equalizer	1	1
35	1011418	Kit, Park Brake Pedal (includes items 36 - 39)	1	1
36	1032	Bushing, Nylon	2	2
37	8626	Screw, Slotted Hex Washer-Head, #10-16 x 5/8	2	2
38	1013876	Nut, Push, 3/8	1	1
39	1013870	Pad, Park Brake	1	1

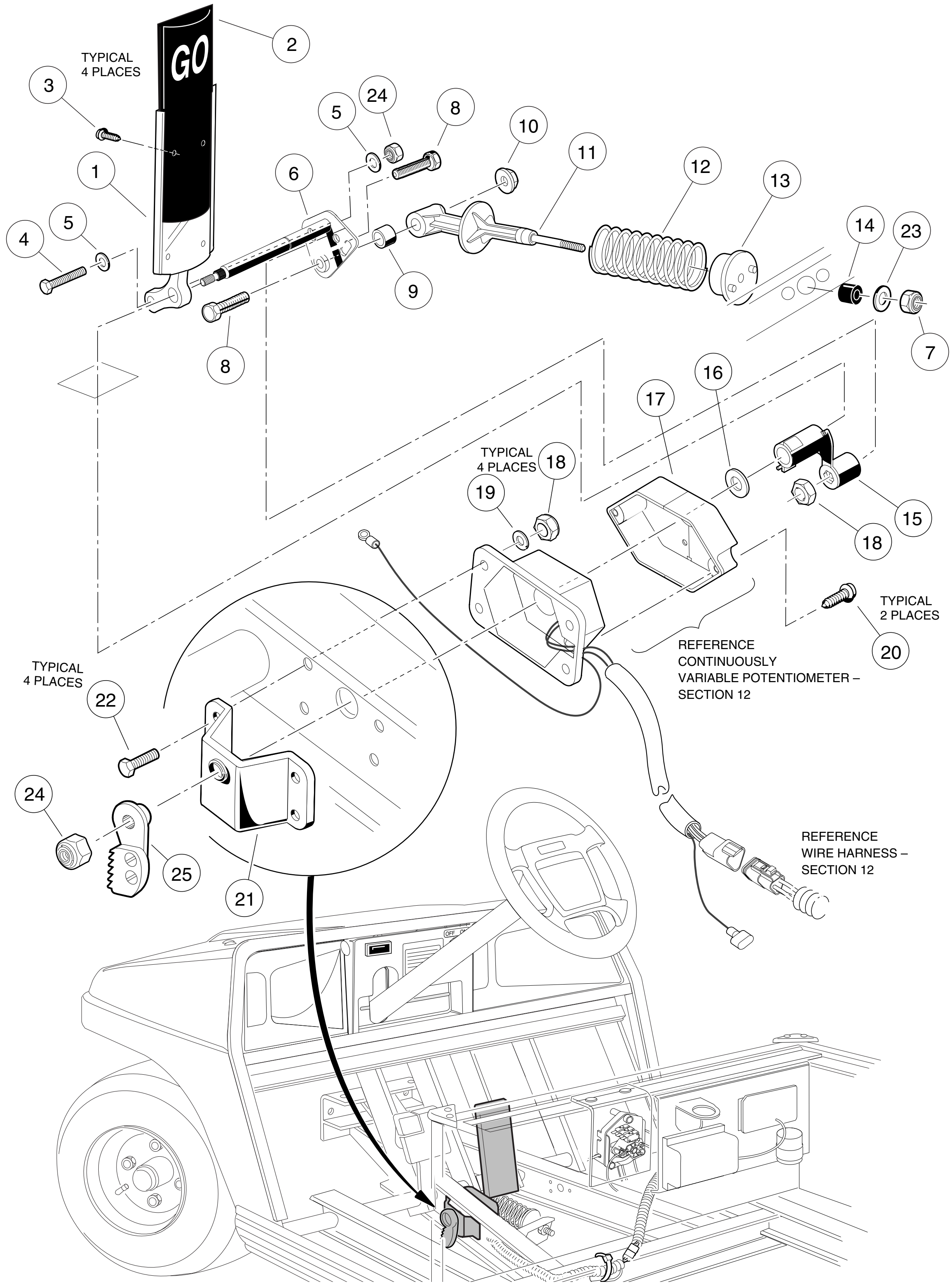

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ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	1016573	Cluster, Brake, Passenger-Side, without Brake Drum (includes items 1 - 14)	1	1
	1016557	Cluster, Brake, Driver-Side, without Brake Drum (includes items 1 - 14)	1	1
1	N/A	Plate, Backing, Passenger-Side	1	1
1	N/A	Plate, Backing, Driver-Side	1	1
2	1011465	Kit, Brake Actuator	1	1
3	1011467	Kit, Anchor Body (includes items 4 - 9)	1	1
4	1011114	Nut, M6 x 1	2	2
5	451	Washer, Lock, 1/4	2	2
6	N/A	Piston, Anchor	2	2
7	N/A	Bolt, Adjustment	1	1
8	N/A	Body, Anchor	1	1
9	1011303	Cap, Adjustment Bolt	1	1
10	101146302	Package, Brake Shoe (four pieces)	1	1
11	1011466	Kit, Shoe Retainer (four pieces)	1	1
12	1011464	Package, Brake Spring (four pieces)	1	1
13	N/A	Arm, Brake Lever	1	1
14	1010850	Cover, Dust	1	1
15	101874601	Kit, Brake Cable, Front (includes items 16, 17 and 18)	1	1
16	1010829	Pin, Clevis, 5/16	4	4
17	1035	Pin, Cotter, 3/32 x 1	4	4
18	1011779	E-Clip, 1/2	4	4
19	1011137	Drum, Brake	2	2
		Items 20 - 23 are for 2001, 2002, and early 2003 vehicles:		
20	101872701	Nut, Hex, 5/16-24	8	8
21	7174	Washer, Lock, 5/16	8	8
22	101869001	Washer, Cone, 5/16	8	8
23	1017232	Screw, Hex-Head Cap, 5/16-24 x 1	8	8
		Items 24 and 25 are for later 2003 vehicles:		
24	1013924	Nut, Cone Lock, Grade 8, 5/16-24	8	8
25	1014153	Bolt, Brake Cluster Mounting, Grade 8, 5/16-24 x 7/8	8	8
		Note: See page 5-11 for front brake cable clamp and bracket.		


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ACCELERATOR PEDAL ASSEMBLY – ELECTRIC TURF/ CA 1, ELECTRIC MCOR, AND GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4 For all Turf 1 and Carryall 1 electric vehicles, Turf 2, Carryall 2, and Carryall 6 electric vehicles with MCOR (serial numbers 0112-001470 and greater), and all gasoline vehicles.		
1	1017696	Sub-Assembly, Accelerator Pedal (includes items 2 and 3)	1	1
2	1013871	Pad, Accelerator Pedal	1	1
3	7716	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	4	4
4	1624	Screw, Hex Cap, 3/8-16 x 1-1/2	1	1
5	334	Washer, Flat, 3/8	2	2
6	102026001	Kit, Accelerator Pivot Rod (includes item 7)	1	1
7	1011700	Spacer	1	1
8	101818801	Stud, Ball (for all vehicles except those equipped with MCOR)	1	1
9	101862001	Screw, Hex-Head Cap, 1/4-20 x 1-3/8 (MCOR vehicles)		1
10	1017424	Bearing, Pivot Support	1	1
11	101966901	Nut, Flange, 1/4-28	1	1
12	101817401	Retainer, Spring	1	1
13	101796201	Spring, Return	1	1
14	1017378	Cup, Spring	1	1
15	1017380	Bumper, Return Spring	1	1
16	1241	Washer, Flat, 5/16	1	1
17	7473	Nut, Nylon Lock, 5/16-18	1	1
18	101871901	Assembly, Accelerator Rod (electric Turf 1 and Carryall 1 with serial numbers lower than 0112-001470) (includes items 19 and 20)		1
18	101912401	Assembly, Accelerator Rod (gasoline Turf 1 and Carryall 1) (includes items 19 and 20)	1	
18	101822001	Assembly, Accelerator Rod (gasoline Turf 2, Carryall 2, XRT, and Carryall 2 Plus) (includes items 19 and 20)	1	
18	101674702	Assembly, Accelerator Rod (gasoline Turf 6 and Carryall 6) (includes items 19 and 20)	1	
19	1011084	Nut, UNF Hex Jam, 1/4-28	2	2
20	1011734	Joint, Spring-Loaded Ball	2	2
21	8754	Nut, Nylon Lock, 3/8-16	2	2
22	8233	Nut, Nylon Lock, 1/4-20	4	4
23	1014007	Washer, Flat, Type B, 1/4	4	4
24	1011694	Support, Accelerator Pivot Rod	2	2
25	101861901	Screw, Hex Cap, 1/4-20 x 1-1/8	4	4
	101187702	Kit, Park Brake Latch (includes item 26, and items 18 - 22 on page 4-7)	1	1
26	N/A	Ratchet, Park Brake	1	1


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REFERENCE
CONTINUOUSLY
VARIABLE POTENTIOMETER –
SECTION 12
TYPICAL
4 PLACES
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REFERENCE
WIRE HARNESS –
SECTION 12
OFF

ACCELERATOR PEDAL ASSEMBLY – VEHICLES WITH CONTINUOUSLY VARIABLE POTENTIOMETER

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ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4 For electric Turf 2, Carryall 2, and Carryall 6 vehicles with serial numbers lower than 0112-001470.		
1	1017696	Sub-Assembly, Accelerator Pedal (includes items 2 and 3)		1
2	1013871	Pad, Accelerator Pedal		1
3	7716	Screw, Slotted Hex Washer-Head, #10-16 x 1/2		4
4	1624	Screw, Hex Cap, 3/8-16 x 1-1/2		1
5	334	Washer, Flat, 3/8		2
6	102026001	Kit, Accelerator Pivot Rod		1
7	7473	Nut, Nylon Lock, 5/16-18		1
8	101862001	Screw, Hex-Head Cap, 1/4-20 x 1-3/8		2
9	1017424	Bearing, Pivot Support		1
10	1015661	Nut, Flange Lock, 1/4-20		1
11	101817401	Retainer, Spring		1
12	101796201	Spring, Return		1
13	1017378	Cup, Spring		1
14	1017380	Bumper, Return Spring		1
15	1017400	Lever, Actuator		1
16	101804201	Washer, Plastic, 1/2		1
17	1017743	Cover, Accelerator		1
18	8233	Nut, Nylon Lock, 1/4-20		5
19	1014007	Washer, Flat, Type B, 1/4		4
20	101804301	Screw, Hi-Lo Hex-Head, #8-18 x 1/2		2
21	1011694	Support, Accelerator Pivot Rod		1
22	101861901	Screw, Hex Cap, 1/4-20 x 1-1/8		4
23	1241	Washer, Flat, 5/16		1
24	8754	Nut, Nylon Lock, 3/8 X 16		2
	101187702	Kit, Park Brake Latch (includes item 25 and items 18 - 22 on page 4-7 or items 23 - 27 on page 4-9)		1
25	N/A	Ratchet, Park Brake		1

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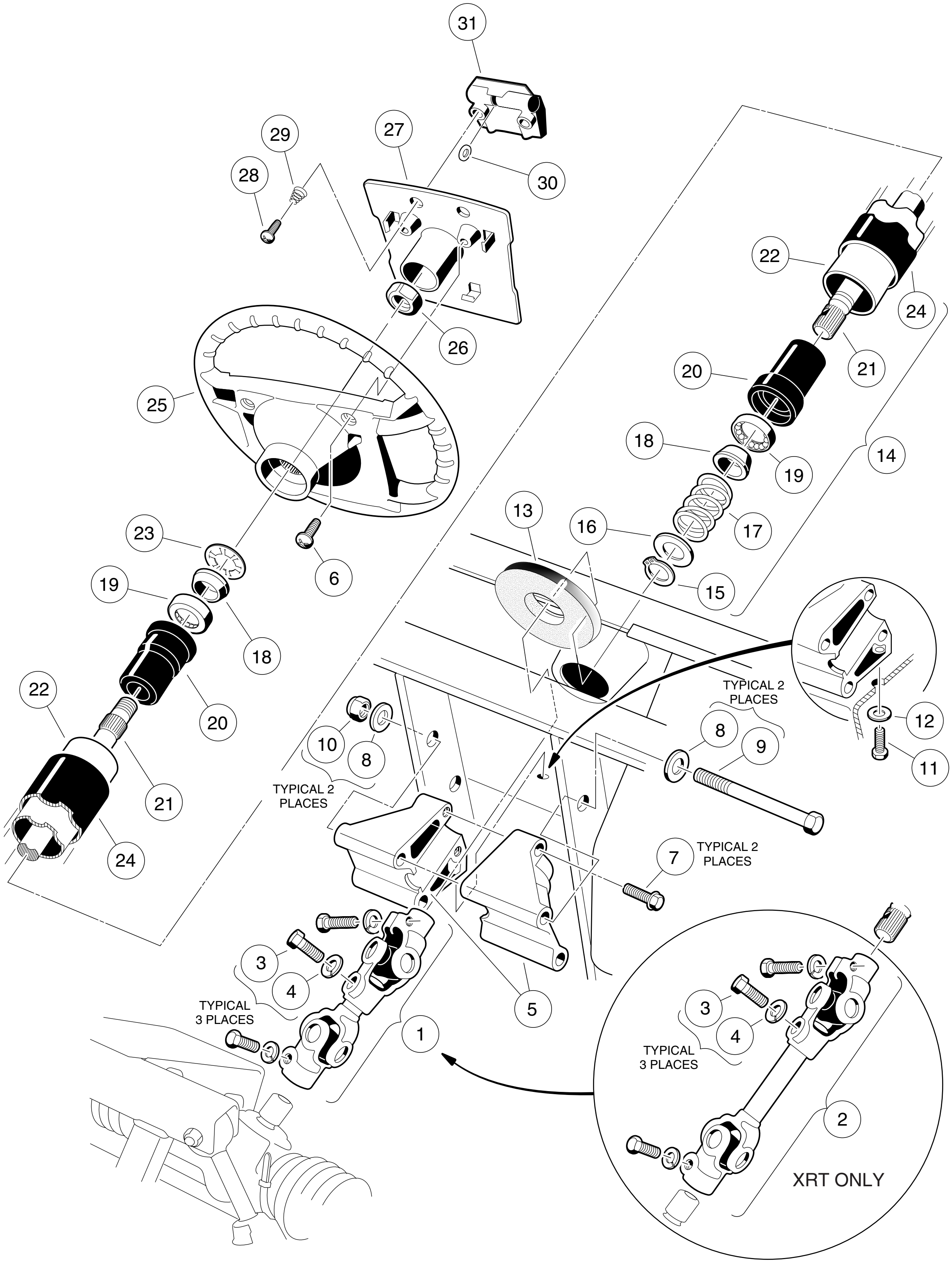
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STEERING, FRONT AND REAR SUSPENSION

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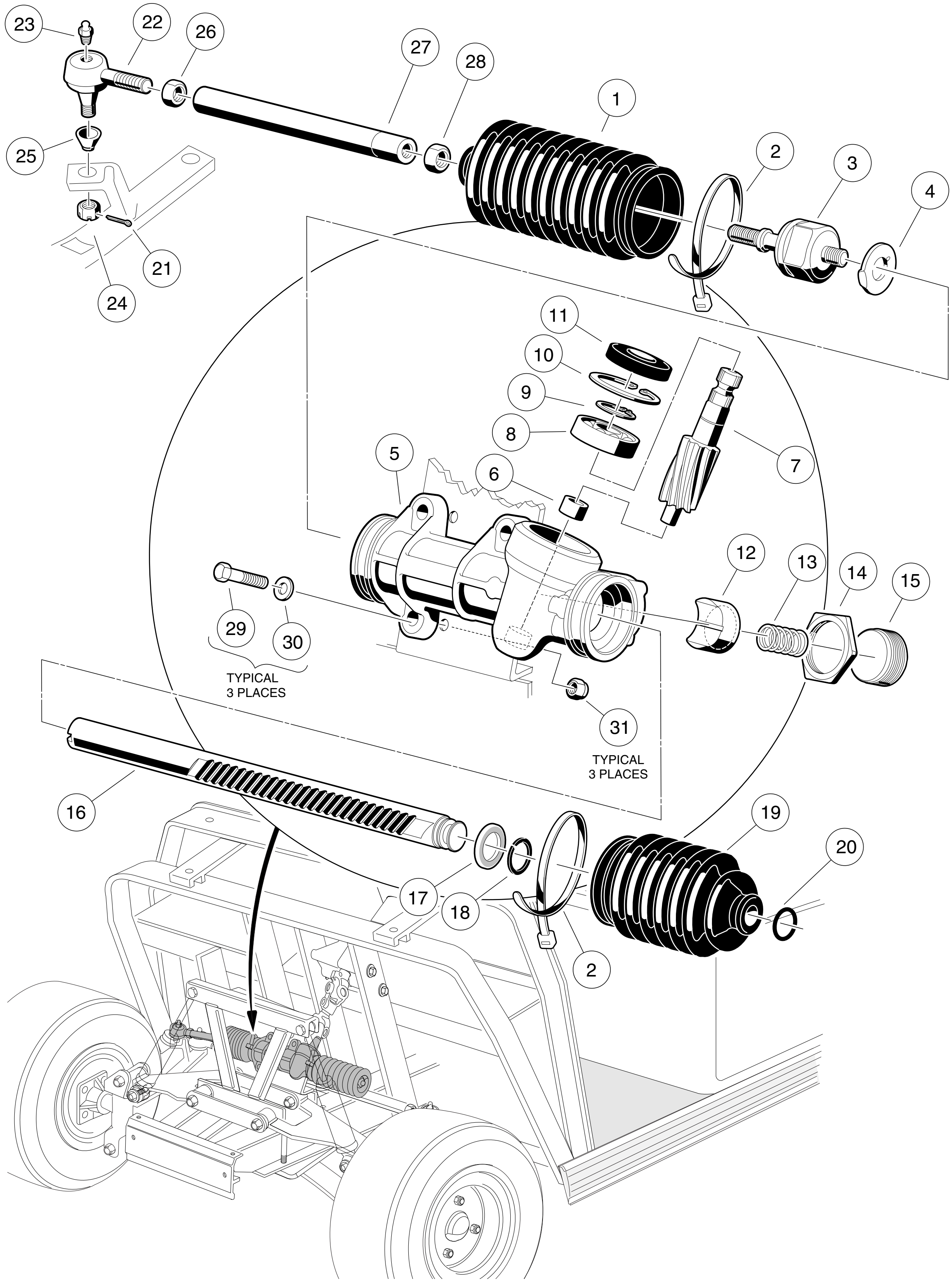
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XRT ONLY

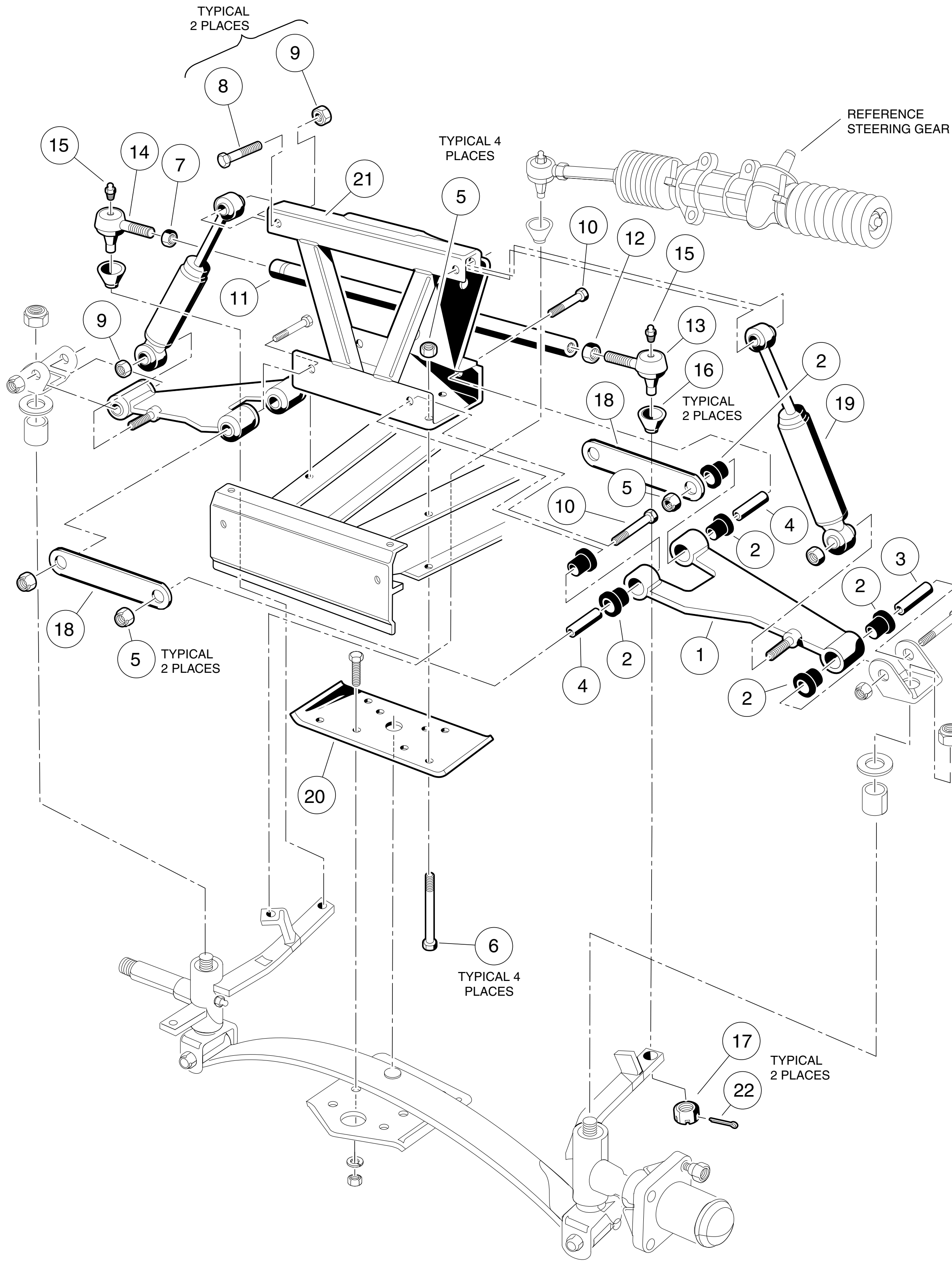
STEERING COLUMN

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1013861	Joint, Compound Steering (includes items 3 and 4) (all vehicles except XRT)	1	1
2	102004101	Joint, Compound Steering (includes items 3 and 4) (XRT vehicles only)	1	
3	1017226	Screw, Hex-Head Cap, M8 x 1.25 x 30 mm	3	3
4	7174	Washer, Lock, 5/16	3	3
5	101984801	Kit, Steering Column Mounting Bracket	1	1
6	1016663	Screw, Phillips, Type A, #12-11 x 5/8	2	2
7	1016269	Screw, Hex Washer-Head Thread-Forming, 5/16-18 x 2	2	2
8	334	Washer, Flat, Type A, 3/8	4	4
9	1016183	Screw, Hex-Head Cap, 3/8-16 x 7	2	2
10	8754	Nut, Nylon Lock, 3/8-16	2	2
11	1014288	Screw, Hex Washer-Head Thread-Forming, 5/16-18 x 3/4	1	1
12	1011697	Washer, Flat, 5/16	1	1
13	102278001	Boot, Steering Column	1	1
14	1016181	Assembly, Steering Column (includes items 15 - 23)	1	1
15	1012605	Ring, Retaining	1	1
16	1012604	Washer, Steel, 5/8	1	1
17	1014217	Spring, Compression	1	1
18	1014125	Wedge	2	2
19	1014213	Assembly, Bearing	2	2
20	1014126	Seat, Bearing	2	2
21	1015545	Shaft, Steering Column	1	1
22	1016622	Column, Aluminum Steering	1	1
23	1014214	Ring, Retaining	1	1
24	1016263	Cover, Steering Column	1	1
25	1016156	Wheel, Steering	1	1
26	1017273	Nut, Nylon Lock, 5/8-18	1	1
27	101615502	Plate, Scorecard (Carryall vehicles)	1	1
27	1016219	Assembly, Scorecard Plate (includes items 28 - 31) (Turf vehicles)	1	1
28	1012565	Screw, Round Head, #12-14 x 1	2	2
29	1012566	Spring, Tapered Compression	2	2
30	1016214	Grip, Pencil	1	1
31	1016154	Clip, Scorecard	1	1
	1014216	Kit, Steering Column Rebuild (not shown)	A/R	A/R


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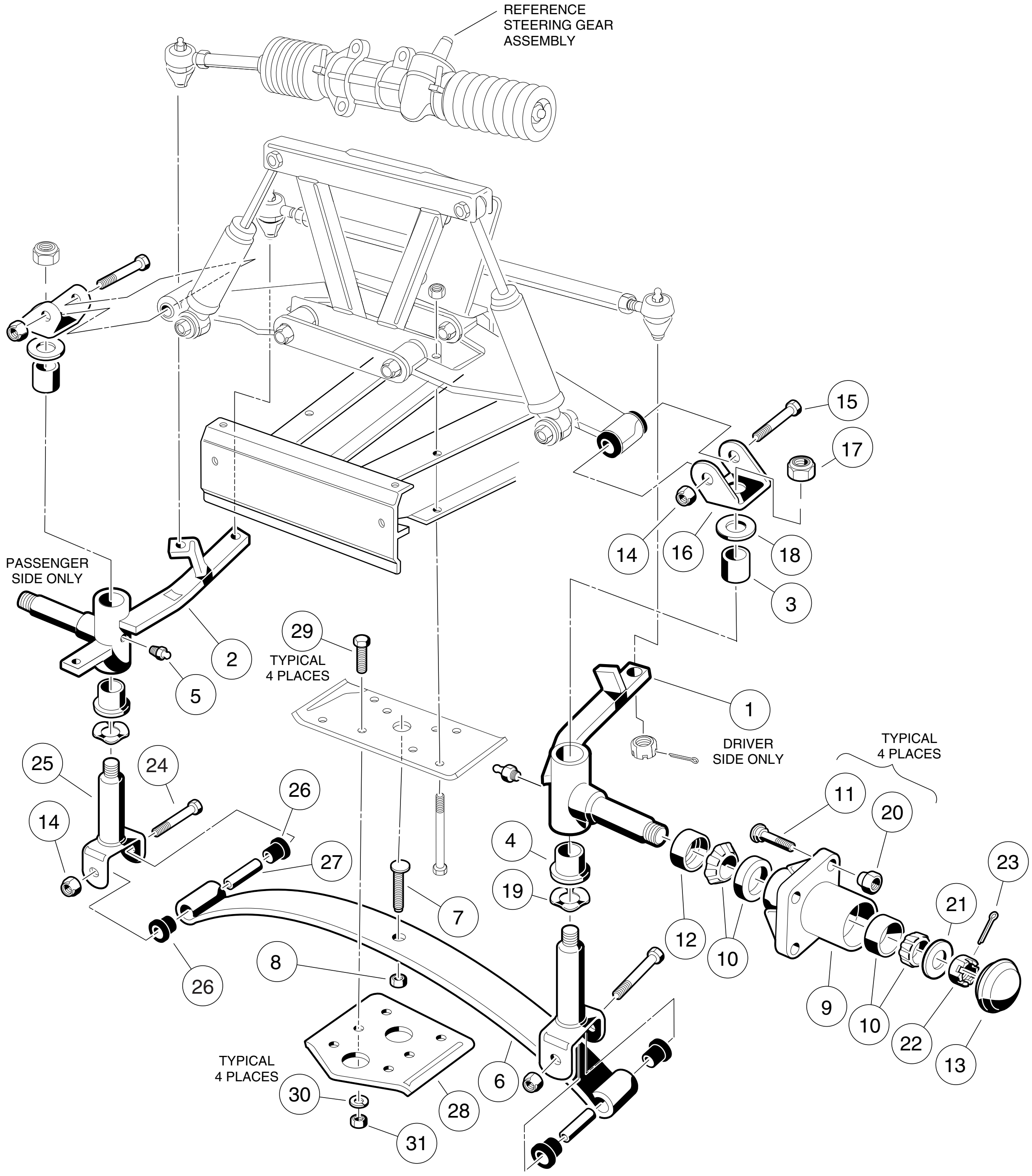
STEERING GEAR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
	101878302	Assembly, Steering Gear Box (includes items 1 - 20)	1	1
1	1013035	Seal, Dust, Passenger-Side	1	1
2	8990	Tie, Wire	2	2
3	101880201	Assembly, Inner Ball Joint	1	1
4	101880301	Washer, Tab	1	1
5	N/A	Box, Steering Gear	1	1
6	N/A	Bearing, Lower Pinion	1	1
7	N/A	Pinion, Steering	1	1
8	101879401	Bearing, Upper Pinion	1	1
9	101879901	Ring, C-Type Stop	1	1
10	1013051	Ring, Snap	1	1
11	1013052	Seal, Dust, Steering Pinion	1	1
12	101879701	Guide, Steering Rack	1	1
13	101879801	Spring, Yoke	1	1
14	1013044	Nut, Lock, Rack Screw	1	1
15	N/A	Screw, Rack Guide	1	1
16	N/A	Rack, Steering	1	1
17	101879501	Washer, Stop	1	1
18	101879601	Ring, C-Type Stop	1	1
19	101880001	Seal, Dust, Driver-Side	1	1
20	101880101	Ring, Retaining	1	1
21	1035	Pin, Cotter, 3/32 x 1	1	1
22	7540	Ball Joint, Left-Hand Thread (includes items 23, 24 and 25)	1	1
23	1015597	Fitting, Thread-Forming Grease, 1/4-28	1	1
24	7602	Nut, Hex Slotted, 3/8-24	1	1
25	1011930	Boot, Dust	1	1
26	7555	Nut, Hex, Left-Hand Thread, 1/2-20	1	1
27	1012467	Link, Rack and Pinion Drag	1	1
28	1013042	Nut, Hex, M12 x 1.75	1	1
29	1624	Screw, Hex-Head Cap, 3/8-16 x 1-1/2	3	3
30	334	Washer, Flat, 3/8	3	3
31	8754	Nut, Nylon Lock, 3/8-16	3	3


TYPICAL
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REFERENCE
STEERING GEAR
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TYPICAL 4
PLACES
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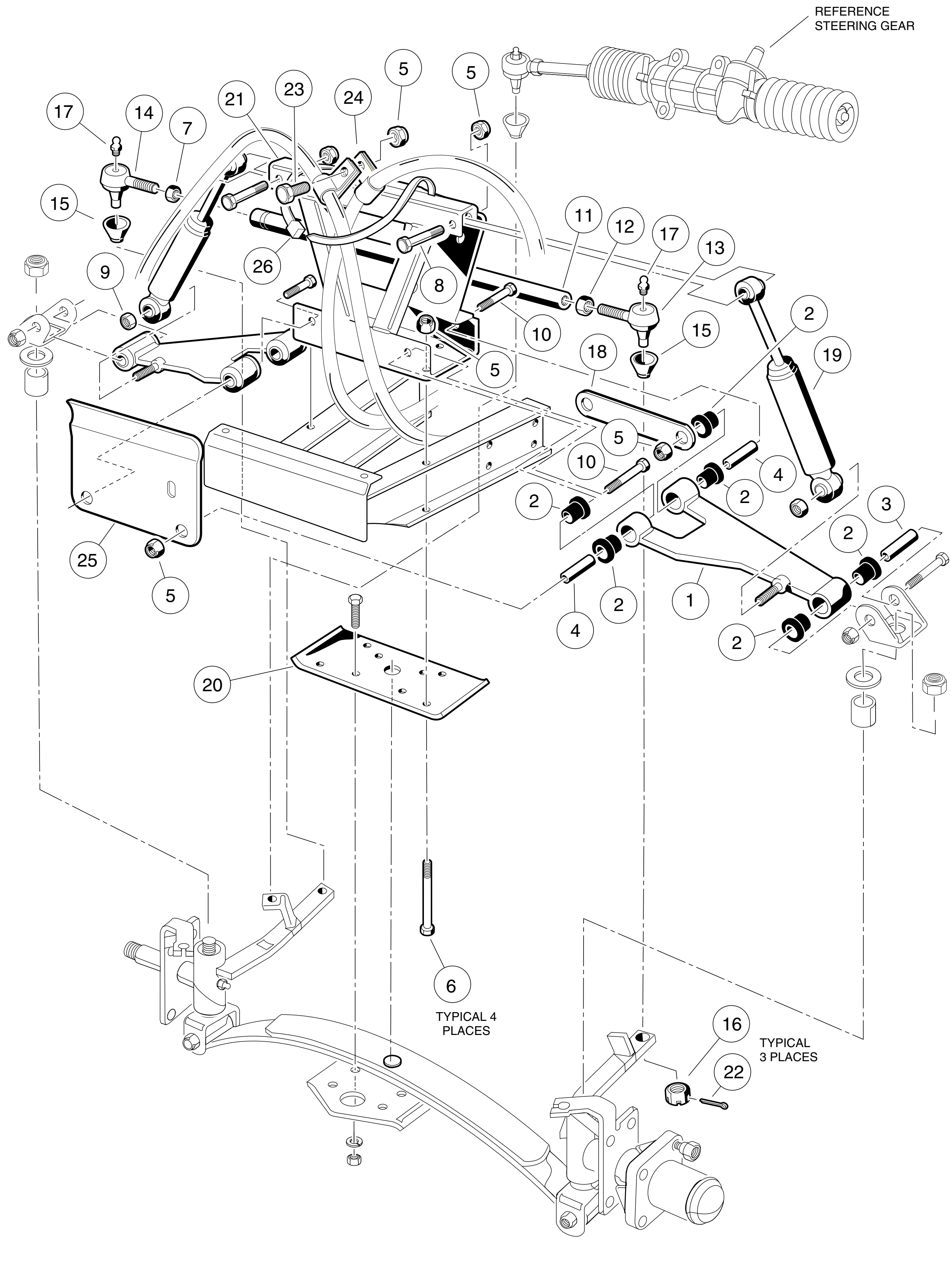
FRONT SUSPENSION, UPPER – VEHICLE WITH TWO-WHEEL BRAKES

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1016353	Assembly, Delta A-Plate (includes items 2, 3 and 4)	2	2
2	1016346	Bushing, Urethane	6	6
3	1016350	Sleeve, Delta Outer	1	1
4	1016349	Sleeve, Delta Inner	2	2
5	8754	Nut, Nylon Lock, 3/8-16	11	11
6	1010200	Screw, Hex-Head Cap, 3/8-16 x 4-3/4	4	4
7	1308	Nut, Hex, 1/2-20	1	1
8	1624	Screw, Hex-Head Cap, 3/8-16 x 1-3/4	2	2
9	1010138	Nut, Dimpled Lock, 3/8-16	2	2
10	2402	Screw, Hex-Head Cap, 3/8-16 x 2-1/4	4	4
11	1010219	Rod, Tie	1	1
12	7555	Nut, Hex, Left-Hand Thread, 1/2-20	1	1
13	7540	Ball Joint, Left-Hand Thread (includes items 15, 16 and 17)	1	1
14	7539	Ball Joint (includes items 15, 16 and 17)	1	1
15	1015597	Fitting, Thread-Forming Grease, 1/4-28	1	1
16	1011930	Boot, Dust	1	1
17	7602	Nut, Slotted Hex, 3/8-24	1	1
18	1017266	Strap, A-Plate	1	1
19	1014235	Shock Absorber, Front	2	2
20	1010124	Plate, Spring Mounting	1	1
21	1016385	Assembly, Delta Shock and Gear Support	1	1
22	1035	Pin, Cotter, 3/32 x 1	3	3


REFERENCE
STEERING GEAR
ASSEMBLY
PASSENGER
SIDE ONLY
DRIVER
SIDE ONLY
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FRONT SUSPENSION, LOWER – VEHICLE WITH TWO-WHEEL BRAKES

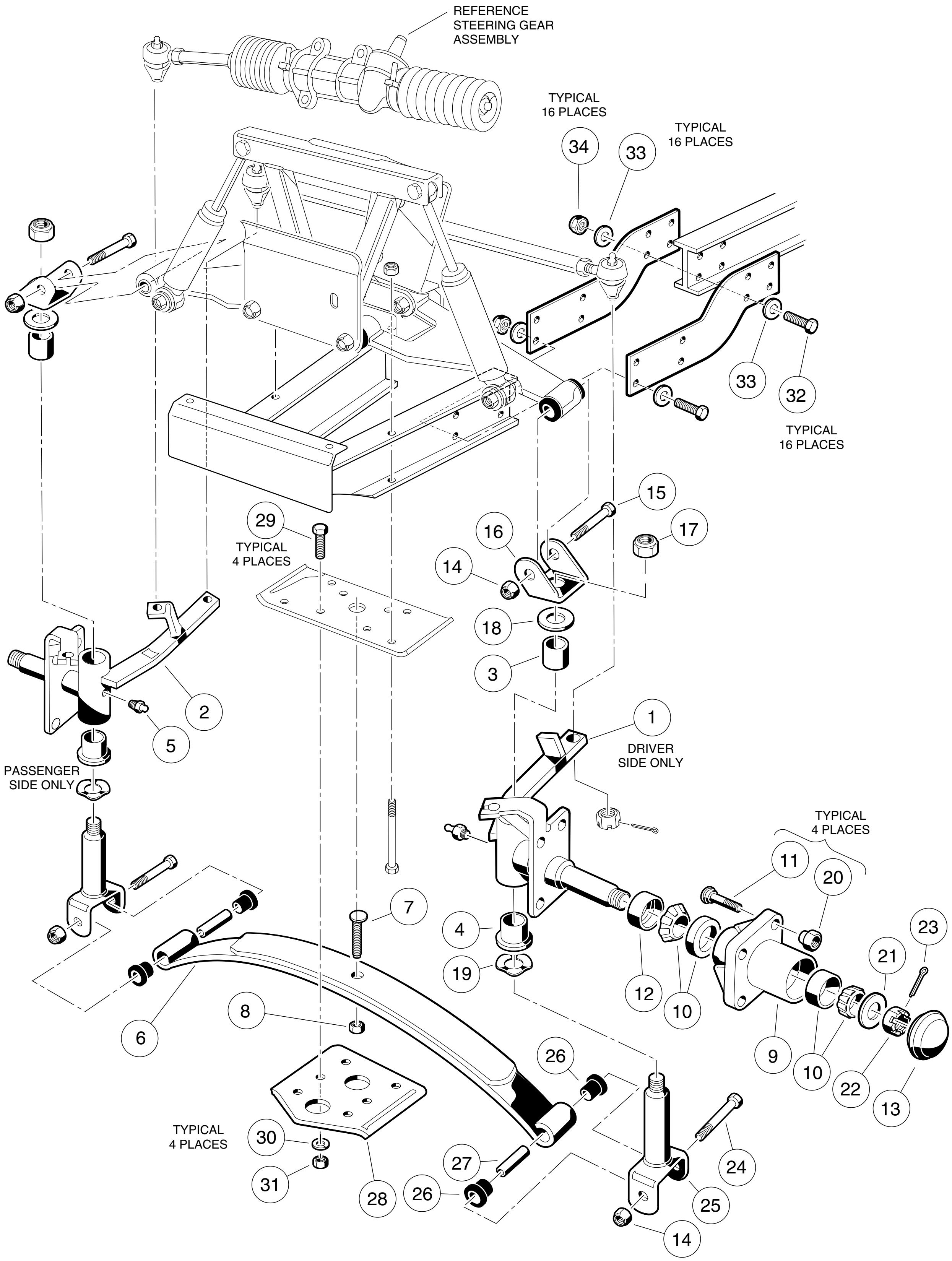
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1010348	Assembly, Spindle, Driver-Side (includes items 3, 4 and 5)	1	1
2	1010347	Assembly, Spindle, Passenger-Side (includes items 3, 4 and 5)	1	1
3	8067	Bushing, Bronze Spindle	1	1
4	7048	Bushing, Bronze	1	1
5	1015597	Fitting, Grease, 1/4-28	1	1
6	1012030	Spring, Tapered Leaf	1	1
7	8745	Screw, Eccentric Adjustment	1	1
8	706	Nut, Hex, 3/8-16	1	1
9	1011892	Assembly, Hub (includes items 10 - 13)	2	2
10	1011393	Package, Hub Bearing	2	2
11	1011304	Stud, Lug, 1/2-20	4	4
12	1013135	Seal, Double Lip	1	1
13	1011887	Cover, Dust	1	1
14	8754	Nut, Nylon Lock, 3/8-16	4	4
15	1016387	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2	2
16	1016384	Clevis, Upper Delta	2	2
17	101903101	Nut, Nylon Lock, 1/2-20	2	2
18	1010150	Bearing, Thrust	2	2
19	1016389	Washer, Kingpin Wave	2	2
20	1010984	Nut, Lug	8	8
21	1010005	Washer, Flat, 3/4	2	2
22	7840	Nut, Hex Slotted, 3/4-16	2	2
23	7910	Pin, Cotter, 5/32 x 1	2	2
24	8755	Screw, Hex-Head Cap, 3/8 - 16 x 3-3/8	2	2
25	1016386	Kingpin	2	2
26	1015583	Bushing, Urethane	4	4
27	1012303	Bushing, Steel	2	2
28	1014276	Plate, Front Spring Retainer	1	1
29	1624	Screw, Hex-Head Cap, 3/8-16 x 1-1/2	4	4
30	357	Washer, Lock, 3/8	4	4
31	706	Nut, Hex, 3/8-16	4	4


REFERENCE
STEERING GEAR
TYPICAL 4
PLACES
TYPICAL
3 PLACES
1
2
3
4
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FRONT SUSPENSION, UPPER – TURF/CARRYALL 2 XRT

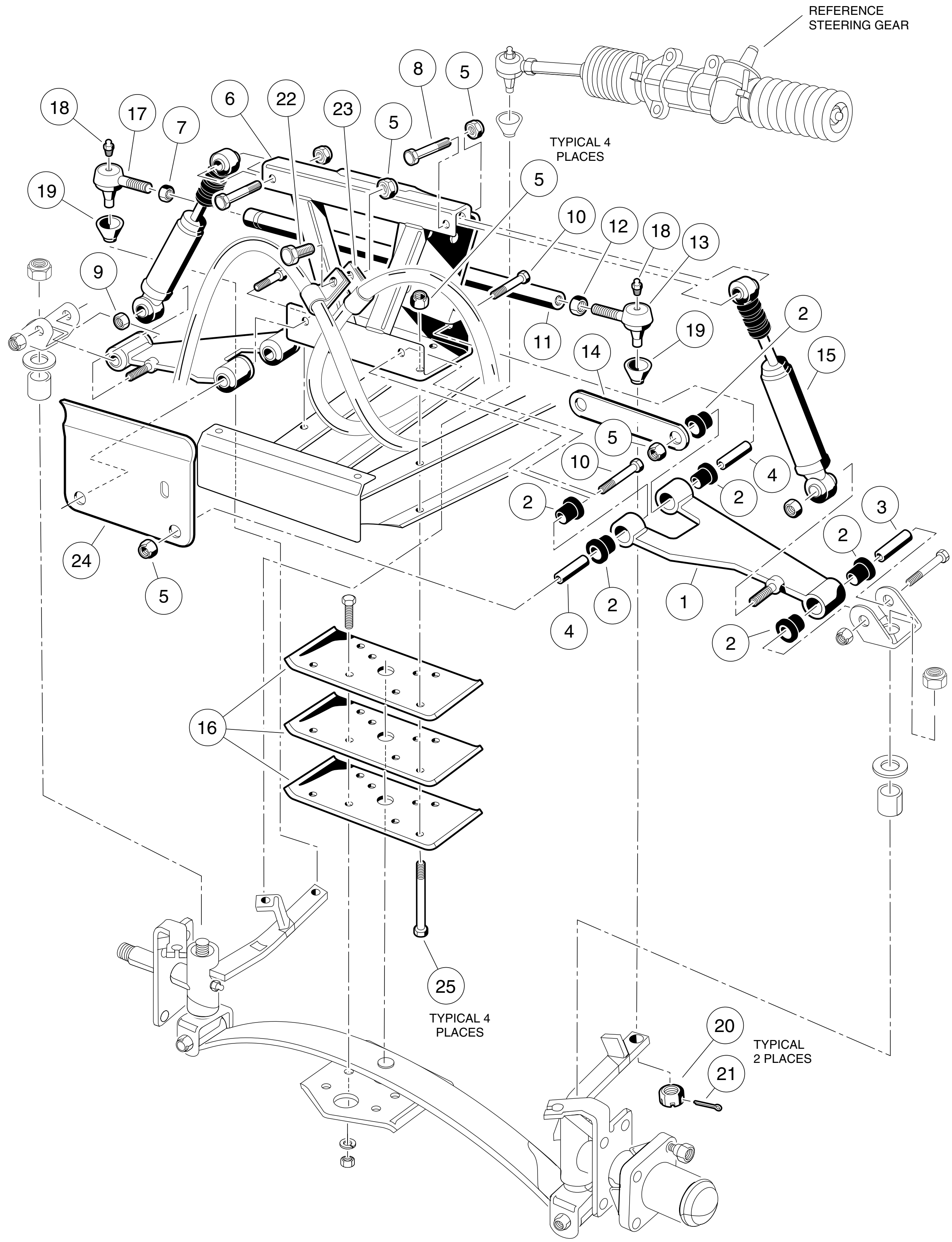
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ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1016353	Assembly, Delta A-Plate (includes items 2, 3 and 4)	2	
2	1016346	Bushing, Urethane	6	
3	1016350	Sleeve, Delta Outer	1	
4	1016349	Sleeve, Delta Inner	2	
5	8754	Nut, Nylon Lock, 3/8-16	11	
6	101870501	Screw, Hex-Head Cap, 3/8-16 x 4-3/4	4	
7	1308	Nut, Hex, 1/2-20	1	
8	8861	Screw, Hex-Head Cap, 3/8-16 x 1-3/4	2	
9	1010138	Nut, Dimpled Lock, 3/8-16	2	
10	2402	Screw, Hex-Head Cap, 3/8-16 x 2-1/4	4	
11	1010219	Rod, Tie	1	
12	7555	Nut, Hex, Left-Hand Thread, 1/2-20	1	
13	7540	Ball Joint, Left-Hand Thread (includes items 15, 16 and 17)	1	
14	7539	Ball Joint (includes items 15, 16 and 17)	1	
15	1011930	Seal, Dust	1	
16	7602	Nut, Slotted Hex, 3/8-24	1	
17	1015597	Fitting, Thread-Forming Grease, 1/4-28	1	
18	1017266	Strap, A-Plate	1	
19	1014235	Shock Absorber, Front	2	
20	1010124	Plate, Spring Mounting	1	
21	1016385	Assembly, Delta Shock and Gear Support	1	
22	1035	Pin, Cotter, 3/32 x 1	3	
23	320	Screw, Hex-Head Cap, 3/8-16 x 1	1	
24	101935301	Clamp, Brake Cable (part of brake cable assembly)	2	
25	101955001	Bracket, Brake Cable Guide	1	
26	102025401	Tie Wrap	1	


REFERENCE
STEERING GEAR
ASSEMBLY
TYPICAL
16 PLACES
34
33
TYPICAL
16 PLACES
33
32
TYPICAL
16 PLACES
15
16
17
14
29
TYPICAL
4 PLACES
18
3
1
DRIVER
SIDE ONLY
2
5
PASSENGER
SIDE ONLY
TYPICAL
4 PLACES
11
20
23
21
7
4
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12
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22
13
8
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26
24
TYPICAL
4 PLACES
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31
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27
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FRONT SUSPENSION, LOWER – TURF/CARRYALL 2 XRT

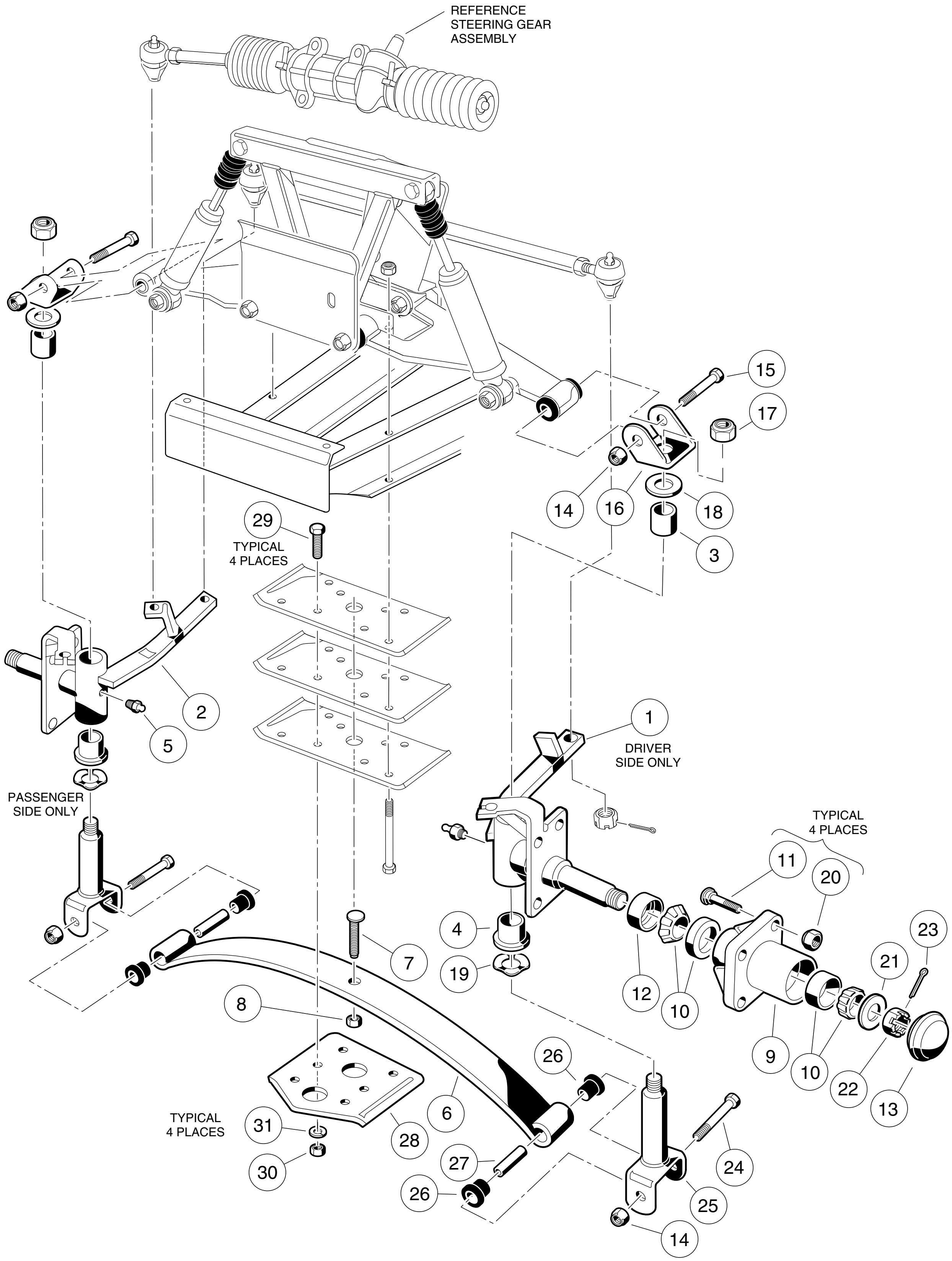
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	101876901	Assembly, Spindle, Driver-Side (includes items 3, 4 and 5)	1	1
2	101877001	Assembly, Spindle, Passenger-Side (includes items 3, 4 and 5)	1	1
3	8067	Bushing, Bronze Spindle	1	1
4	7048	Bushing, Bronze	1	1
5	1015597	Fitting, Grease, 1/4-28	1	1
6	102004001	Spring, Tapered Leaf	1	1
7	8745	Screw, Eccentric Adjustment	1	1
8	706	Nut, Hex, 3/8-16	1	1
9	1011892	Assembly, Hub (includes items 10 - 13)	2	2
10	1011393	Package, Hub Bearing	2	2
11	1011304	Stud, Lug, 1/2-20	4	4
12	1013135	Seal, Double Lip	1	1
13	1011887	Cover, Dust	1	1
14	8754	Nut, Nylon Lock, 3/8-16	4	4
15	1016387	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2	2
16	1016384	Clevis, Upper Delta	2	2
17	101903101	Nut, Nylon Lock, 1/2-20	2	2
18	1010150	Bearing, Thrust	2	2
19	1016389	Washer, Kingpin Wave	2	2
20	1010984	Nut, Lug	8	8
21	1010005	Washer, Flat, 3/4	2	2
22	7840	Nut, Hex Slotted, 3/4-16	2	2
23	7910	Pin, Cotter, 5/32 x 1	2	2
24	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2	2
25	1016386	Kingpin	2	2
26	1015583	Bushing, Urethane	4	4
27	1012303	Bushing, Steel	2	2
28	1014276	Plate, Front Spring Retainer	1	1
29	1010177	Screw, Hex-Head Cap, 3/8-16 x 2	4	4
30	357	Washer, Lock, 3/8	4	4
31	706	Nut, Hex, 3/8-16	4	4
32	1218	Screw, Hex-Head Cap, 5/16-18 x 1-1/4	16	16
33	1241	Washer, Flat, 5/16	32	32
34	7473	Nut, Hex, 5/16-18	16	16


REFERENCE
STEERING GEAR
TYPICAL 4
PLACES
TYPICAL 4
PLACES
TYPICAL
2 PLACES
1
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FRONT SUSPENSION, UPPER – VEHICLES WITH FOUR-WHEEL BRAKES (EXCEPT XRT VEHICLES)

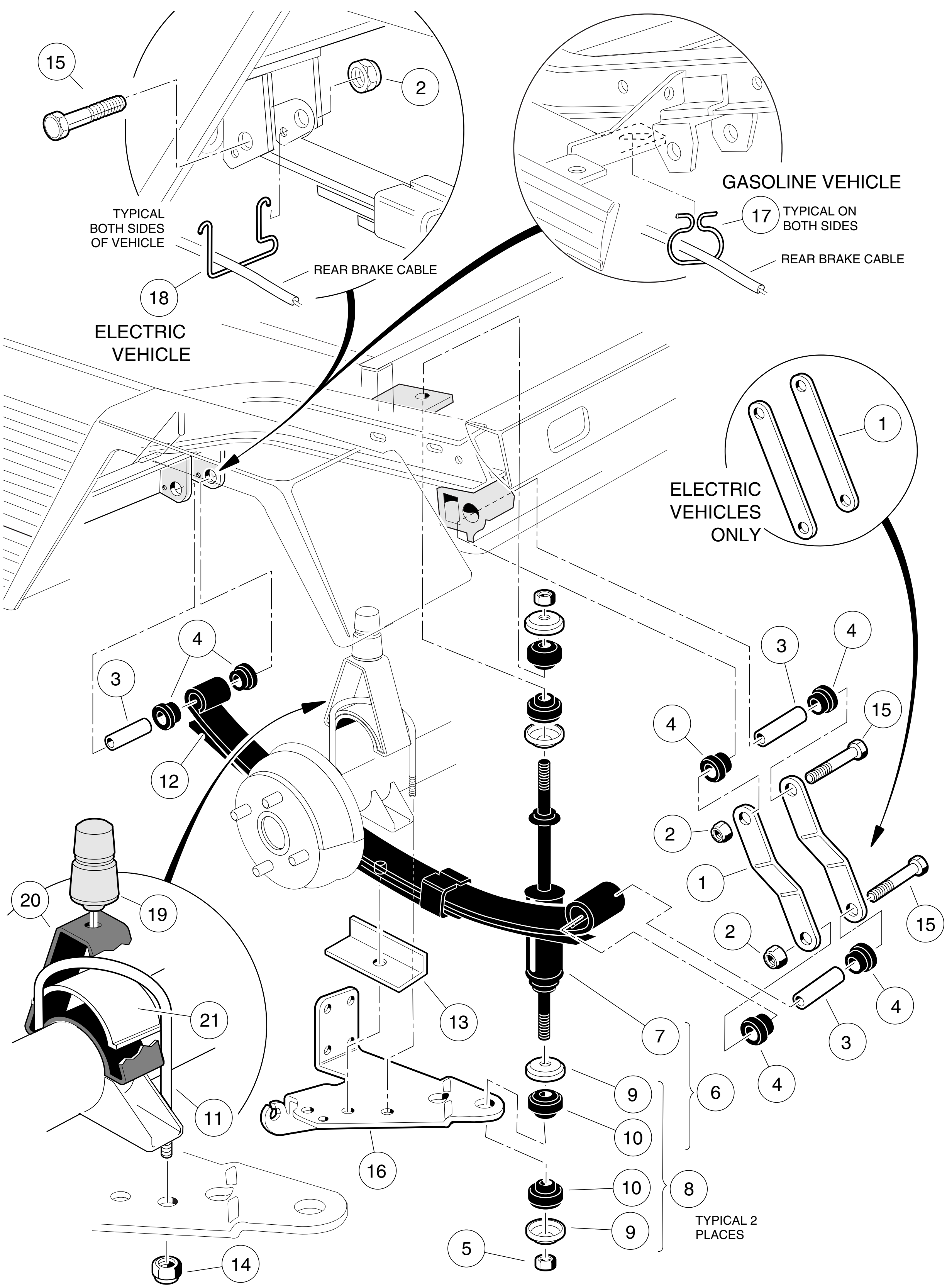
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ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
		See page 5-11 for the upper front suspension for Turf 2 XRT and Carryall 2 XRT vehicles.		
1	1016353	Assembly, Delta A-Plate (includes items 2, 3 and 4)	2	2
2	1016346	Bushing, Urethane	6	6
3	1016350	Sleeve, Delta Outer	1	1
4	1016349	Sleeve, Delta Inner	2	2
5	8754	Nut, Nylon Lock, 3/8-16	11	11
6	1016385	Assembly, Delta Shock and Gear Support	1	1
7	1308	Nut, Hex, 1/2-20	1	1
8	8861	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2	2
9	1010138	Nut, Dimpled Lock, 3/8-16	2	2
10	2402	Screw, Hex-Head Cap, 3/8-16 x 2-1/4	4	4
11	1010219	Rod, Tie	1	1
12	7555	Nut, Hex, Left-Hand Thread, 1/2-20	1	1
13	7540	Ball Joint, Left-Hand Thread (includes items 18, 19 and 20)	1	1
14	1017266	Strap, A-Plate	1	1
15	101870601	Shock Absorber, Front	2	2
16	1010124	Plate, Spring Mounting	3	3
17	7539	Ball Joint (includes items 18, 19 and 20)	1	1
18	1015597	Fitting, Thread-Forming Grease, 1/4-28	1	1
19	1011930	Seal, Dust	1	1
20	7602	Nut, Slotted Hex, 3/8-24	1	1
21	1035	Pin, Cotter, 3/32 x 1	2	2
22	320	Screw, Hex-Head Cap, 3/8-16 x 1	1	1
23	101935301	Clamp, Brake Cable (part of brake cable assembly)	2	2
24	101955001	Bracket, Brake Cable Guide	1	1
25	101870501	Screw, Hex-Head Cap, 3/8-16 x 4-3/4	4	4

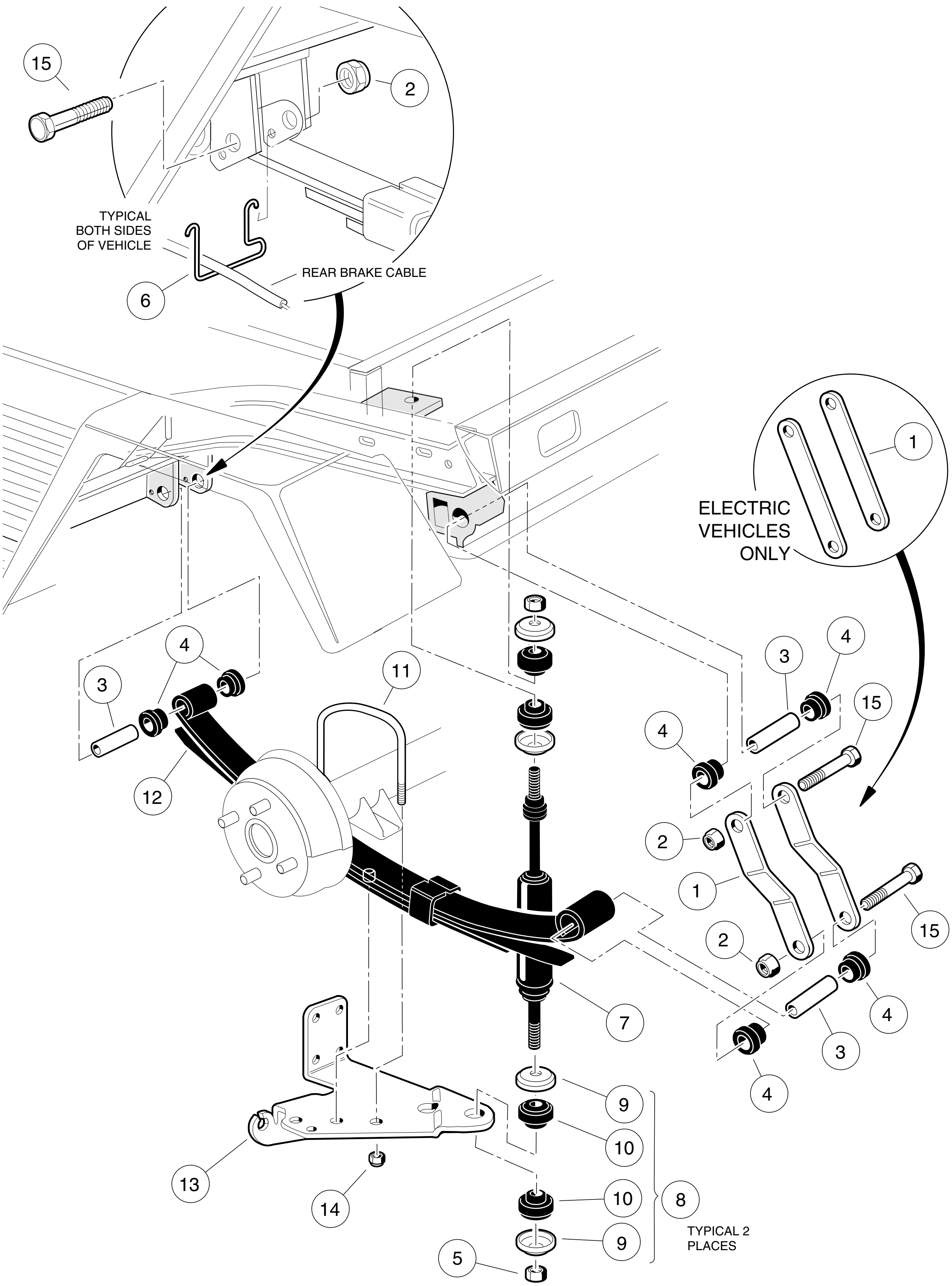

REFERENCE
STEERING GEAR
ASSEMBLY
15
17
14
16
18
3
29
TYPICAL
4 PLACES
2
5
1
DRIVER
SIDE ONLY
PASSENGER
SIDE ONLY
TYPICAL
4 PLACES
11
20
23
4
7
19
12
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21
9
10
22
13
8
26
6
TYPICAL
4 PLACES
31
28
30
27
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14

FRONT SUSPENSION, LOWER – VEHICLES WITH FOUR-WHEEL BRAKES (EXCEPT XRT VEHICLES)

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
		See page 5-13 for the lower front suspension for Turf 2 XRT and Carryall 2 XRT vehicles.		
1	101876901	Assembly, Spindle, Driver-Side (includes items 3, 4 and 5)	1	1
2	101877001	Assembly, Spindle, Passenger-Side (includes items 3, 4 and 5)	1	1
3	8067	Bushing, Bronze Spindle	1	1
4	7048	Bushing, Bronze	1	1
5	1015597	Fitting, Grease, 1/4-28	1	1
6	1012030	Spring, Tapered Leaf	1	1
6	102004001	Spring, Tapered Leaf (Carryall 6 gasoline only)	1	
7	8745	Screw, Eccentric Adjustment	1	1
8	706	Nut, Hex, 3/8-16	1	1
9	1011892	Assembly, Hub (includes items 10 - 13)	2	2
10	1011393	Package, Hub Bearing	2	2
11	1011304	Stud, Lug, 1/2-20	4	4
12	1013135	Seal, Double Lip	1	1
13	1011887	Cover, Dust	1	1
14	8754	Nut, Nylon Lock, 3/8-16	4	4
15	1016387	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2	2
16	1016384	Clevis, Upper Delta	2	2
17	101903101	Nut, Nylon Lock, 1/2-20	2	2
18	1010150	Bearing, Thrust	2	2
19	1016389	Washer, Kingpin Wave	2	2
20	1010984	Nut, Lug	8	8
21	1010005	Washer, Flat, 3/4	2	2
22	7840	Nut, Hex Slotted, 3/4-16	2	2
23	7910	Pin, Cotter, 5/32 x 1	2	2
24	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2	2
25	1016386	Kingpin	2	2
26	1015583	Bushing, Urethane	4	4
27	1012303	Bushing, Steel	2	2
28	1014276	Plate, Front Spring Retainer	1	1
29	1010177	Screw, Hex-Head Cap, 3/8-16 x 2	4	4
30	357	Washer, Lock, 3/8	4	4
31	706	Nut, Hex, 3/8-16	4	4

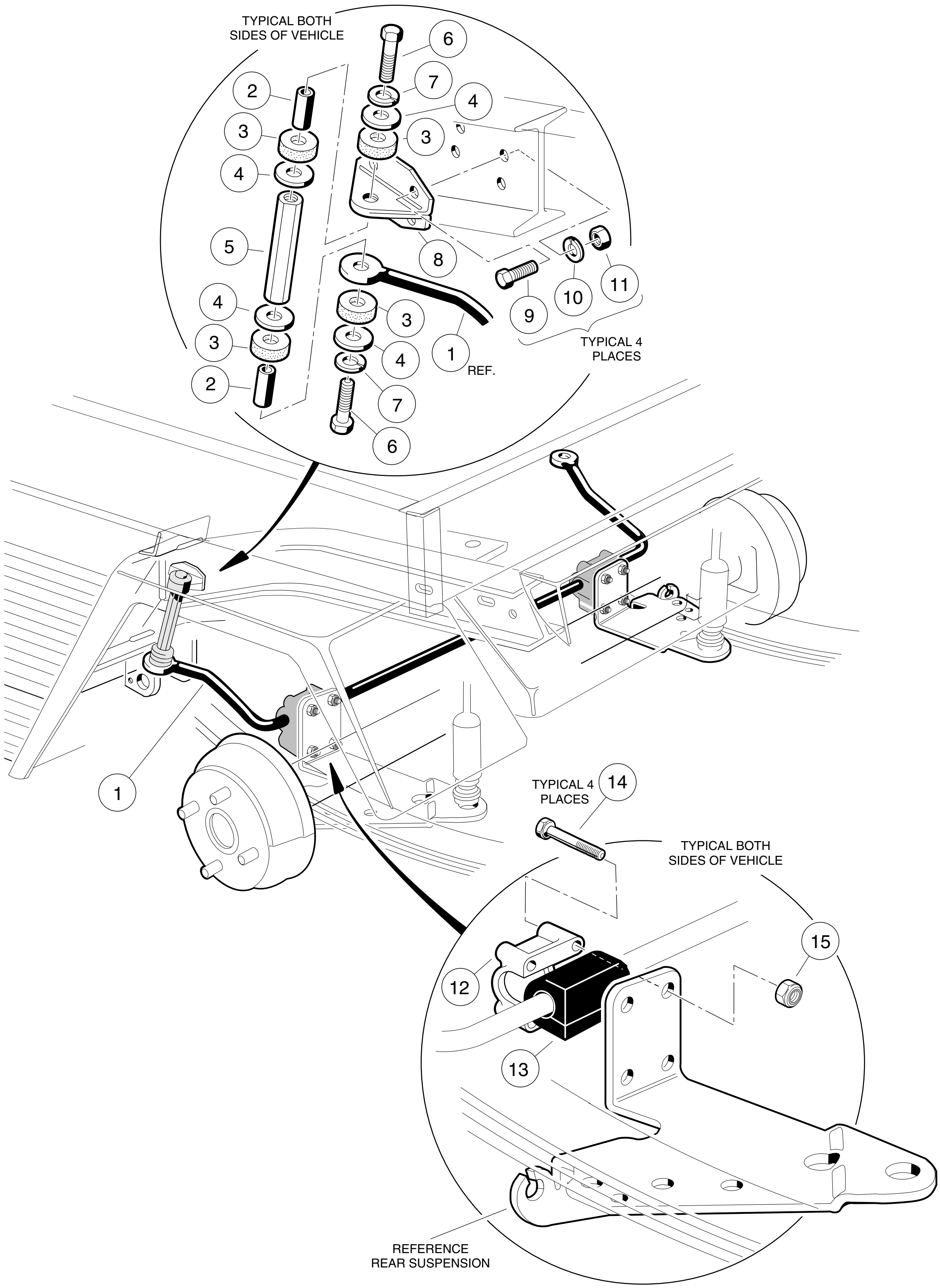

15
2
TYPICAL
BOTH SIDES
OF VEHICLE
REAR BRAKE CABLE
18
ELECTRIC
VEHICLE
GASOLINE VEHICLE
17
TYPICAL ON
BOTH SIDES
REAR BRAKE CABLE
1
ELECTRIC
VEHICLES
ONLY
4
3
12
3
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4
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14
TYPICAL 2
PLACES

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	7569	Shackle, Rear Spring (electric vehicle)		4
1	1012304	Shackle, Rear Spring (gasoline vehicle)	4	
2	8754	Nut, Nylon Lock, 3/8-16	6	6
3	1012303	Bushing, Steel	6	6
4	1015583	Bushing, Urethane	12	12
5	1010145	Nut, UNF Hex, 3/8-24	4	4
6	1013164	Kit, Shock Absorber (includes items 7, 9 and 10)	1	1
7	1014236	Shock Absorber, Rear	2	2
8	1011415	Kit, Shock Absorber Cushion (includes 2 each of items 9 and 10)	4	4
9	N/A	Retainer, Shock Absorber Cushion	8	8
10	N/A	Cushion, Shock Absorber	8	8
11	1014902	U-Bolt	2	2
12	1014675	Spring, Rear Leaf	2	2
13	1014573	Retainer, Spring	2	2
14	1014555	Nut, Nylon Lock, 7/16-24	4	4
15	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	6	6
16	101926501	Pad, Spring, Driver-Side	1	1
16	101929401	Pad, Spring, Passenger-Side	1	1
17	101900801	Hanger, Brake Cable (gasoline vehicle)	2	
18	1013207	Hanger, Brake Cable (electric vehicle)		2
19	1017235	Bumper, Jounce	2	2
20	101454602	Mount, Bumper (gasoline vehicle)	2	
20	101454902	Mount, Bumper (electric vehicle)		2
21	1014901	Spacer, Overload Bumper	2	2


15
2
TYPICAL
BOTH SIDES
OF VEHICLE
REAR BRAKE CABLE
6
1
ELECTRIC
VEHICLES
ONLY
4
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12
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15
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2
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15
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TYPICAL 2
PLACES

REAR SUSPENSION – TURF/CA 2, XRT, 2 PLUS, AND 6

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	7569	Shackle, Rear Spring (electric vehicle)		4
1	1012304	Shackle, Rear Spring (gasoline vehicle)	4	
1	102004201	Shackle, Rear Spring (Turf/Carryall 2 XRT only)	4	
2	8754	Nut, Nylon Lock, 3/8-16	6	6
3	1012303	Bushing, Steel	6	6
4	1015583	Bushing, Urethane	12	12
5	1010145	Nut, UNF Hex, 3/8-24	4	4
6	1013207	Hanger, Brake Cable	2	2
7	101975101	Shock Absorber, Rear	2	2
7	102006601	Shock Absorber, Rear (Turf/Carryall 2 XRT only)	2	
8	1011415	Kit, Shock Absorber Cushion (includes 2 each of items 9 and 10)	4	4
9	N/A	Retainer, Shock Absorber Cushion	8	8
10	N/A	Cushion, Shock Absorber	8	8
11	1014902	U-Bolt	2	2
12	101975201	Spring, Rear Leaf	2	2
13	101926501	Pad, Spring, Driver-Side	1	1
13	101929401	Pad, Spring, Passenger-Side	1	1
14	1014555	Nut, Nylon Lock, 7/16-24	4	4
15	8755	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	6	6


TYPICAL BOTH
SIDES OF VEHICLE
6
2
7
4
3
3
4
5
8
11
10
4
9
3
3
TYPICAL 4
PLACES
1
4
REF.
2
7
6
1
TYPICAL 4
PLACES
14
TYPICAL BOTH
SIDES OF VEHICLE
15
12
13
REFERENCE
REAR SUSPENSION

STABILIZER BAR, GASOLINE VEHICLE – TURF/CARRYALL 2, XRT, 2 PLUS, AND 6

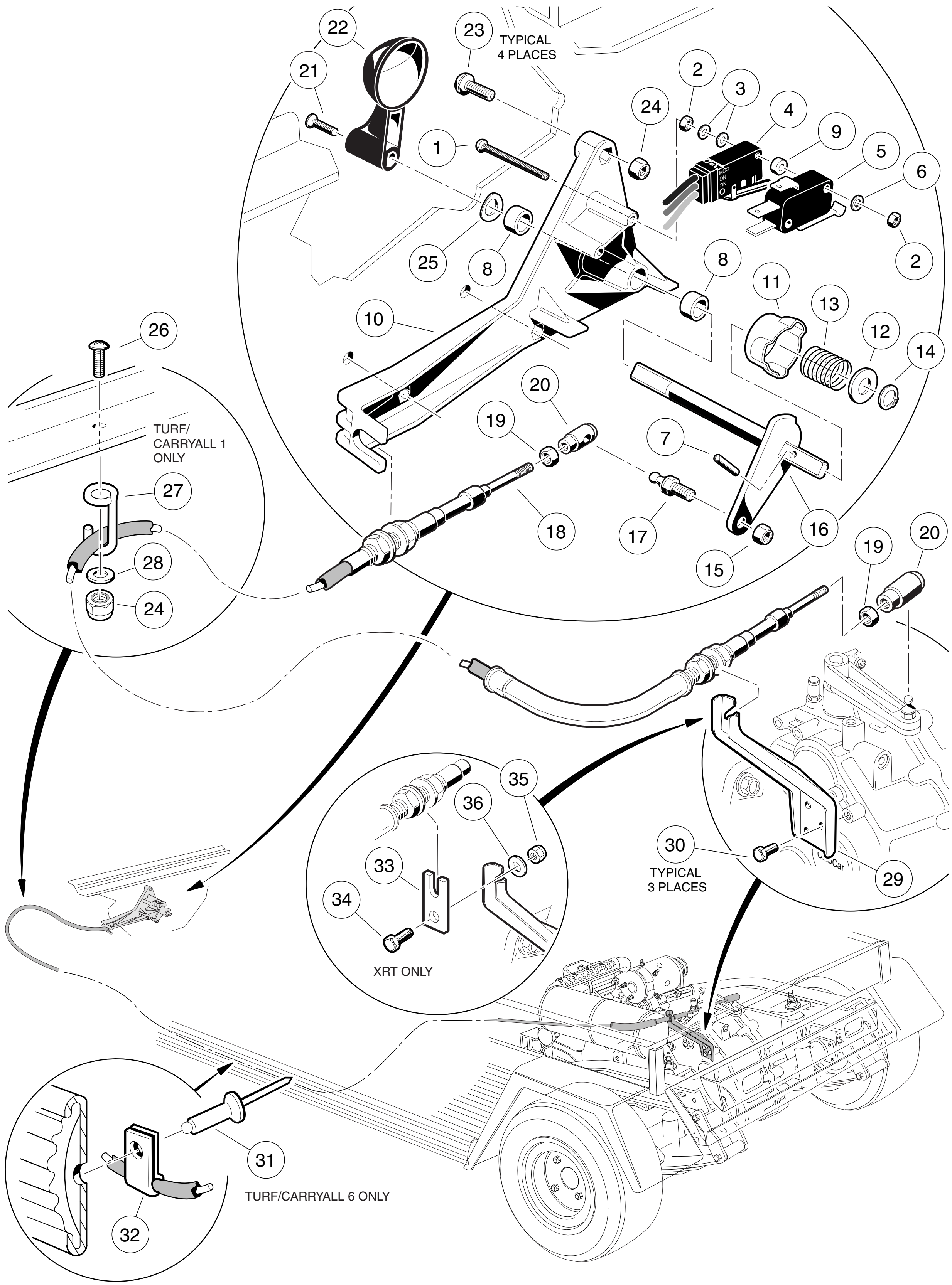
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
1	1015760	Bar, Stabilizer, 3/4 Diameter	1	
2	1015457	Spacer	4	
3	1015453	Mount, Compression	8	
4	808	Washer, Flat, 3/8	8	
5	1016814	Link, Stabilizer Bar	2	
5	102004901	Link, Stabilizer Bar (Turf/Carryall 2 XRT only)	2	
6	8861	Screw, Hex-Head Cap, 3/8-16 x 1-3/4	4	
7	357	Washer, Lock, 3/8	4	
8	1016813	Bracket, Stabilizer Bar Mounting	2	
9	7173	Screw, Hex-Head Cap, 5/16-18 x 3/4	8	
10	7174	Washer, Lock, 5/16	8	
11	1242	Nut, Hex, 5/16-18	8	
12	1015614	Support, Stabilizer Bar Bushing	2	
13	1015613	Bushing, Stabilizer Bar	2	
14	7311	Screw, Hex-Head Cap, 1/4-20 x 2	8	
15	8233	Nut, Nylon Lock, 1/4-20	8	

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ELECTRICAL SYSTEM – GASOLINE VEHICLE

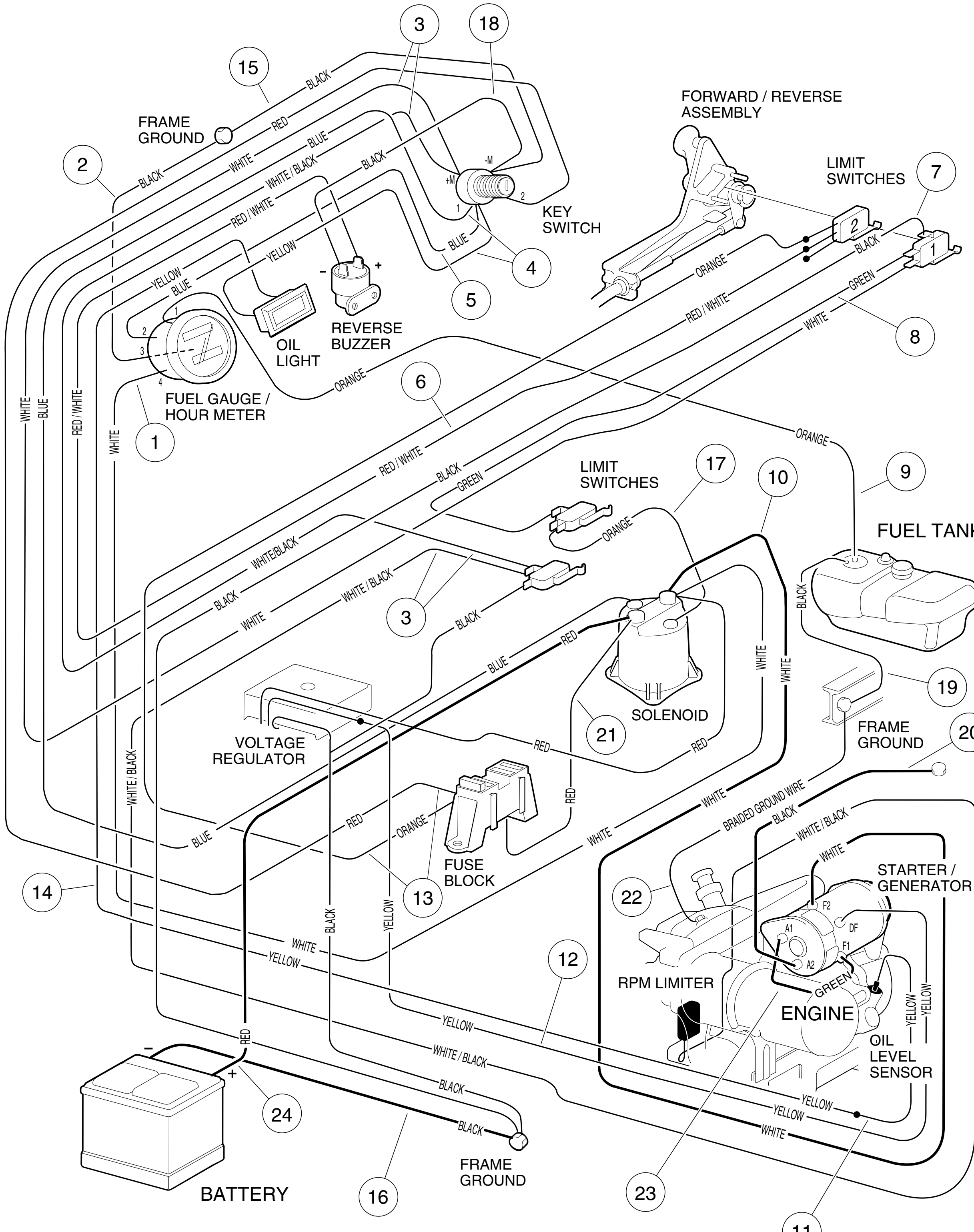

22
23
TYPICAL
4 PLACES
21
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26
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TURF/
CARRYALL 1
ONLY
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36
33
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34
TYPICAL
3 PLACES
29
XRT ONLY
31
32
TURF/CARRYALL 6 ONLY

FORWARD/REVERSE SHIFTER ASSEMBLY – GASOLINE VEHICLE

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G

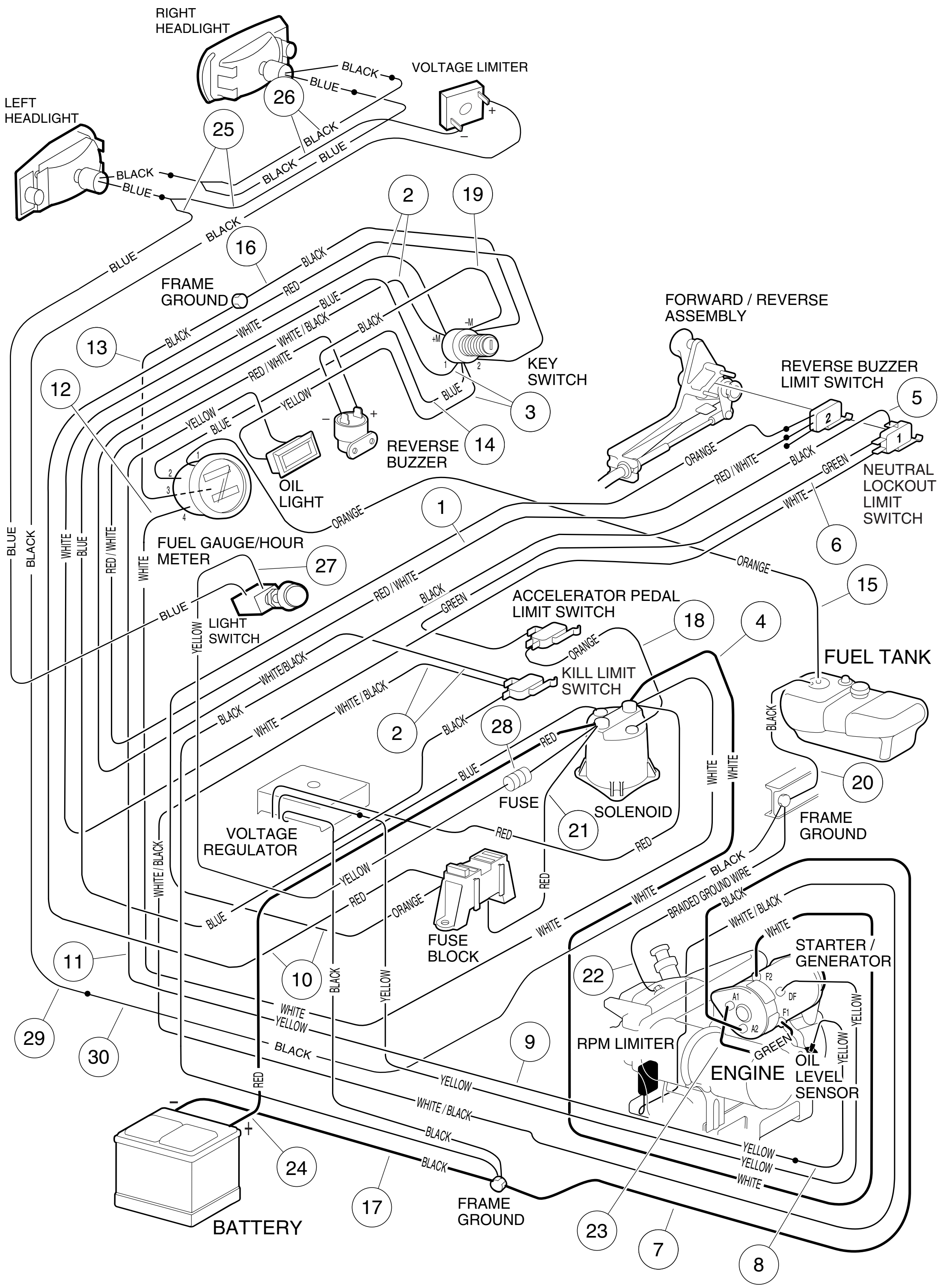
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	1016947	Assembly, Forward/Reverse Shifter (includes items 1 - 17)	1
1	1012594	Screw, Machine, #4-40 x 1-1/2	2
2	8057	Nut, Hex-Head, #4-40	4
3	1012431	Washer, Flat, #4	4
4	101979101	Switch, Limit	1
5	1014807	Switch, Limit	1
6	8058	Washer, Lock, #4	2
7	1013591	Pin, Roll, 1/8	1
8	1014145	Bushing, Bronze	2
9	1014727	Washer, Nylon Flat, #4	2
10	1016342	Base, Forward/Reverse Shifter	1
11	1014089	Kit, Neutral Lockout Cam (includes item 12)	1
12	1014065	Washer, Flat	1
13	1013590	Spring, Forward/Reverse Cam	1
14	1013589	Ring, Retaining	1
15	8717	Nut, Nylon Lock, 1/4-28	1
16	1013587	Weldment, Forward/Reverse Bell Crank	1
17	1010954	Stud, Ball, 1/4-28 x 1/4	1
18	101951501	Cable, Transmission (includes items 19 and 20) (Turf/Carryall 1 only)	1
18	1015409	Cable, Transmission (includes items 19 and 20) (Turf/Carryall 2, XRT, and 2 Plus)	1
18	101672701	Cable, Transmission (includes items 19 and 20) (Turf/Carryall 6 only)	1
19	7893	Nut, Hex, #10-32	2
20	1012333	Joint, Ball	2
21	1013198	Screw, Phillips Oval Countersunk Machine, #8-32 x 5/8	1
22	1012987	Handle, Forward/Reverse Switch	1
23	8248	Screw, Phillips Truss-Head, 1/4-20 x 3/4	4
24	8233	Nut, Nylon Lock, 1/4-20	8
25	1016201	Washer, Wave, 3/8	1
26	8251	Screw, Phillips Head, 1/4-20 x 1	4
27	101855801	Retainer, Cable	1
28	332	Washer, Flat, 1/4	4
29	101922601	Bracket, Transmission Cable Support	1
30	1012285	Screw, Hex Washer-Head, 1/4-20 x 5/8	3
31	7973	Rivet, Pop, 3/16 (Turf/Carryall 6 only)	1
32	8455	Clamp (Turf/Carryall 6 only)	1
33	102004801	Extension, Shifter Bracket (XRT only)	1
34	320	Screw, Hex-Head Cap, 3/8-16 x 1 (XRT only)	1
35	8754	Locknut, Nylon, 3/8-16 (XRT only)	1
36	808	Washer, Flat, 3/8 (XRT only)	1

6
G


FRAME GROUND
FORWARD / REVERSE ASSEMBLY
LIMIT SWITCHES
KEY SWITCH
OIL LIGHT
REVERSE BUZZER
FUEL GAUGE / HOUR METER
LIMIT SWITCHES
FUEL TANK
SOLENOID
VOLTAGE REGULATOR
FRAME GROUND
FUSE BLOCK
STARTER / GENERATOR
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
BATTERY
FRAME GROUND
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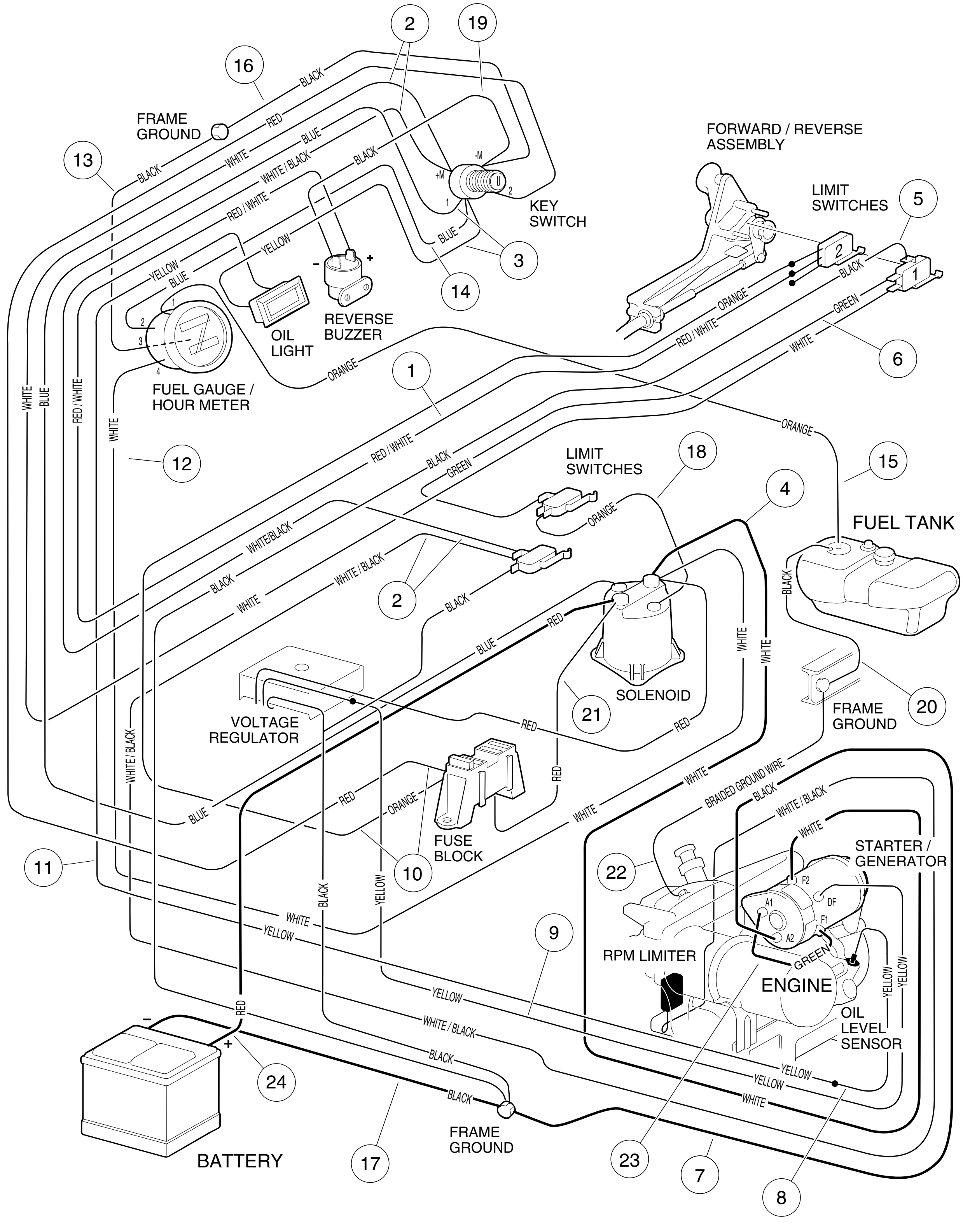
WIRING – GASOLINE TURF/CARRYALL 1

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101987402	Wire Harness Assembly (includes items 1 - 14)	1
1	N/A	Wire Assembly, #18 White	1
2	N/A	Wire Assembly, #18 Black	1
3	N/A	Wire Assembly, #18 White, #18 White/Black, #18 White/Black	1
4	N/A	Wire Assembly, #18 Yellow, #18 Blue	1
5	N/A	Wire Assembly, #18 Blue	1
6	N/A	Wire Assembly, #18 Red/White	1
7	N/A	Wire Assembly, #18 Black	1
8	N/A	Wire Assembly, #18 Green	1
9	N/A	Wire Assembly, #18 Orange	1
10	1015769	Wire Assembly, #6 White	1
11	N/A	Wire Assembly, #18 Yellow	1
12	N/A	Wire Assembly, #16 Yellow	1
13	N/A	Wire Assembly, #16 Red, #16 Orange	1
14	N/A	Wire Assembly, #18 Yellow	1
15	N/A	Wire Assembly, #18 Black	1
16	1012382	Wire Assembly, #6 Black	1
17	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
18	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
19	N/A	Wire Assembly, #18 Black	1
20	1015920	Wire Assembly, #6 Black Ground	1
21	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
22	1015332	Wire Assembly, #10 Braided Ground	1
23	101837301	Wire Assembly, #6 Green	1
24	1014119	Wire Assembly, #6 Red	1


RIGHT HEADLIGHT
LEFT HEADLIGHT
VOLTAGE LIMITER
FRAME GROUND
FORWARD / REVERSE ASSEMBLY
KEY SWITCH
REVERSE BUZZER LIMIT SWITCH
NEUTRAL LOCKOUT LIMIT SWITCH
REVERSE BUZZER
OIL LIGHT
FUEL GAUGE/HOUR METER
LIGHT SWITCH
ACCELERATOR PEDAL LIMIT SWITCH
KILL LIMIT SWITCH
FUEL TANK
FUSE
SOLENOID
VOLTAGE REGULATOR
FUSE BLOCK
FRAME GROUND
STARTER / GENERATOR
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
BATTERY
FRAME GROUND
BRAIDED GROUND WIRE
BLACK
BLUE
RED
WHITE
WHITE / BLACK
RED / WHITE
YELLOW
ORANGE
GREEN
1
2
3
4
5
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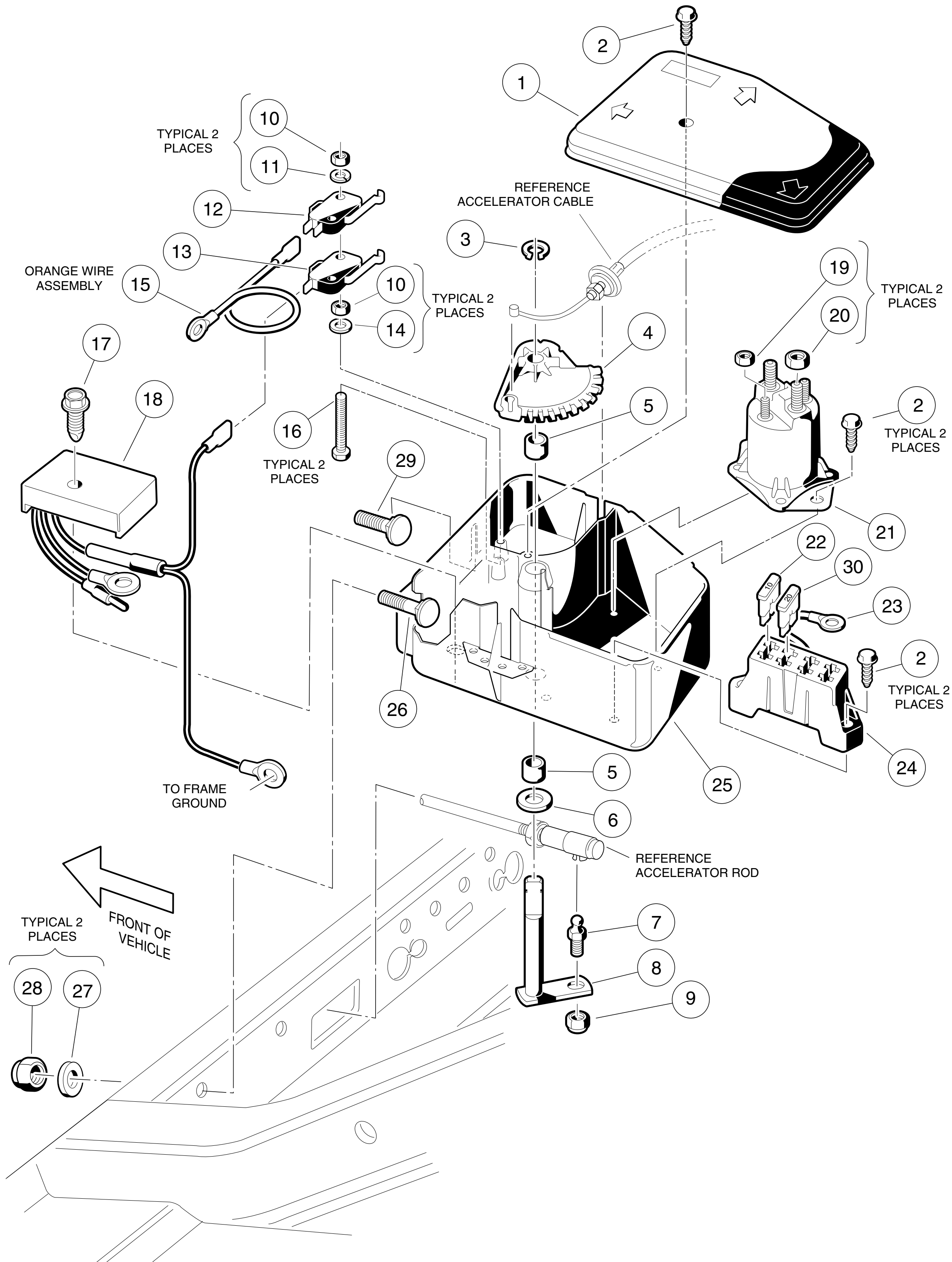
WIRING – GASOLINE TURF 2

ITEM	PART NO.	DESCRIPTION 1 2 3 4	QTY
	101990102	Wire Harness Assembly (includes items 1 - 15)	1
1	N/A	Wire Assembly, #18 Red/White	1
2	N/A	Wire Assembly, #18 White, #18 White/Black, #18 White/Black	1
3	N/A	Wire Assembly, #18 Yellow, #18 Blue	1
4	1015769	Wire Assembly, #6 White	1
5	N/A	Wire Assembly, #16 Black	1
6	N/A	Wire Assembly, #16 Green	1
7	1016380	Wire Assembly, #6 Black	1
8	N/A	Wire Assembly, #18 Yellow	1
9	N/A	Wire Assembly, #16 Yellow	1
10	N/A	Wire Assembly, #16 Red, #16 Orange	1
11	N/A	Wire Assembly, #16 Yellow	1
12	N/A	Wire Assembly, #18 White	1
13	N/A	Wire Assembly, #18 Black	1
14	N/A	Wire Assembly, #18 Blue	1
15	N/A	Wire Assembly, #18 Orange	1
16	N/A	Wire Assembly, #18 Black	1
17	1012382	Wire Assembly, #6 Black	1
18	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
19	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
20	N/A	Wire Assembly, #18 Black	1
21	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
22	1015332	Wire Assembly, #10 Braided Ground	1
23	101837301	Wire Assembly, #6 Green	1
24	1014119	Wire Assembly, #6 Red	1
	1016858	Wire Harness, Headlight (includes items 25 - 30)	1
25	N/A	Wire Assembly, #16 Blue	1
26	N/A	Wire Assembly, #16 Black	1
27	N/A	Wire Assembly, #16 Yellow (includes item 28)	1
28	8106	Fuse, 20-Amp	1
29	N/A	Wire Assembly, #16 Black	1
30	N/A	Wire Assembly, #16 Black	1


FRAME GROUND
KEY SWITCH
FORWARD / REVERSE ASSEMBLY
LIMIT SWITCHES
REVERSE BUZZER
OIL LIGHT
FUEL GAUGE / HOUR METER
LIMIT SWITCHES
FUEL TANK
SOLENOID
FRAME GROUND
VOLTAGE REGULATOR
FUSE BLOCK
STARTER / GENERATOR
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
FRAME GROUND
BATTERY
BRAIDED GROUND WIRE
1
2
3
4
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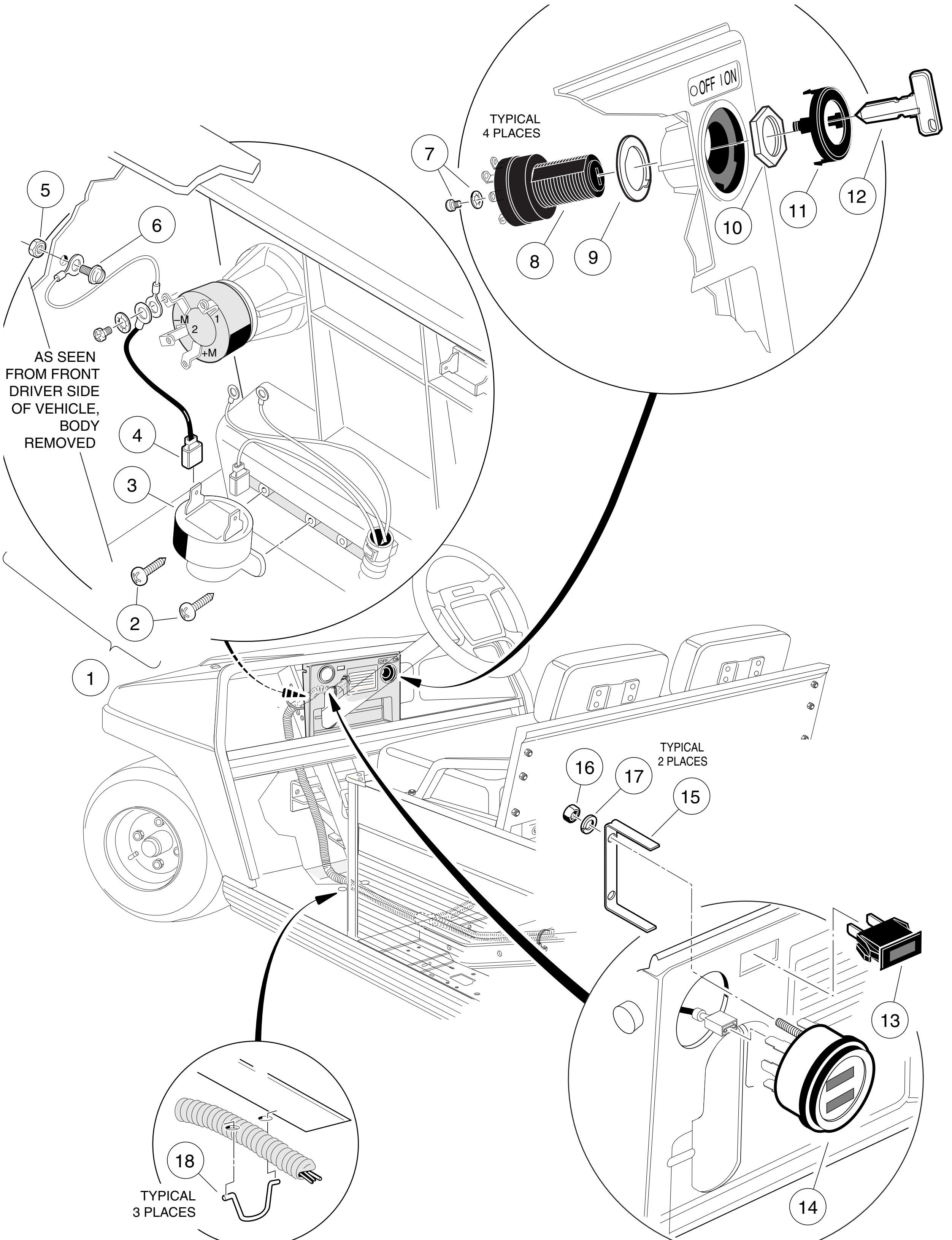
WIRING – GASOLINE CARRYALL 2

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101990102	Wire Harness Assembly (includes items 1 - 15)	1
1	N/A	Wire Assembly, #18 Red/White	1
2	N/A	Wire Assembly, #18 White, #18 White/Black, #18 White/Black	1
3	N/A	Wire Assembly, #18 Yellow, #18 Blue	1
4	1015769	Wire Assembly, #6 White	1
5	N/A	Wire Assembly, #16 Black	1
6	N/A	Wire Assembly, #16 Green	1
7	1016380	Wire Assembly, #6 Black	1
8	N/A	Wire Assembly, #18 Yellow	1
9	N/A	Wire Assembly, #16 Yellow	1
10	N/A	Wire Assembly, #16 Red, #16 Orange	1
11	N/A	Wire Assembly, #16 Yellow	1
12	N/A	Wire Assembly, #18 White	1
13	N/A	Wire Assembly, #18 Black	1
14	N/A	Wire Assembly, #18 Blue	1
15	N/A	Wire Assembly, #18 Orange	1
16	N/A	Wire Assembly, #18 Black	1
17	1012382	Wire Assembly, #6 Black	1
18	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
19	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
20	N/A	Wire Assembly, #18 Black	1
21	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
22	1015332	Wire Assembly, #10 Braided Ground	1
23	101837301	Wire Assembly, #6 Green	1
24	1014119	Wire Assembly, #6 Red	1


TYPICAL 2 PLACES
10
11
12
13
ORANGE WIRE ASSEMBLY
15
10
14
TYPICAL 2 PLACES
17
18
16
TYPICAL 2 PLACES
29
TO FRAME GROUND
26
FRONT OF VEHICLE
TYPICAL 2 PLACES
28
27
2
1
REFERENCE ACCELERATOR CABLE
3
4
5
19
20
TYPICAL 2 PLACES
2
TYPICAL 2 PLACES
21
22
30
23
2
TYPICAL 2 PLACES
24
25
5
6
REFERENCE ACCELERATOR ROD
7
8
9

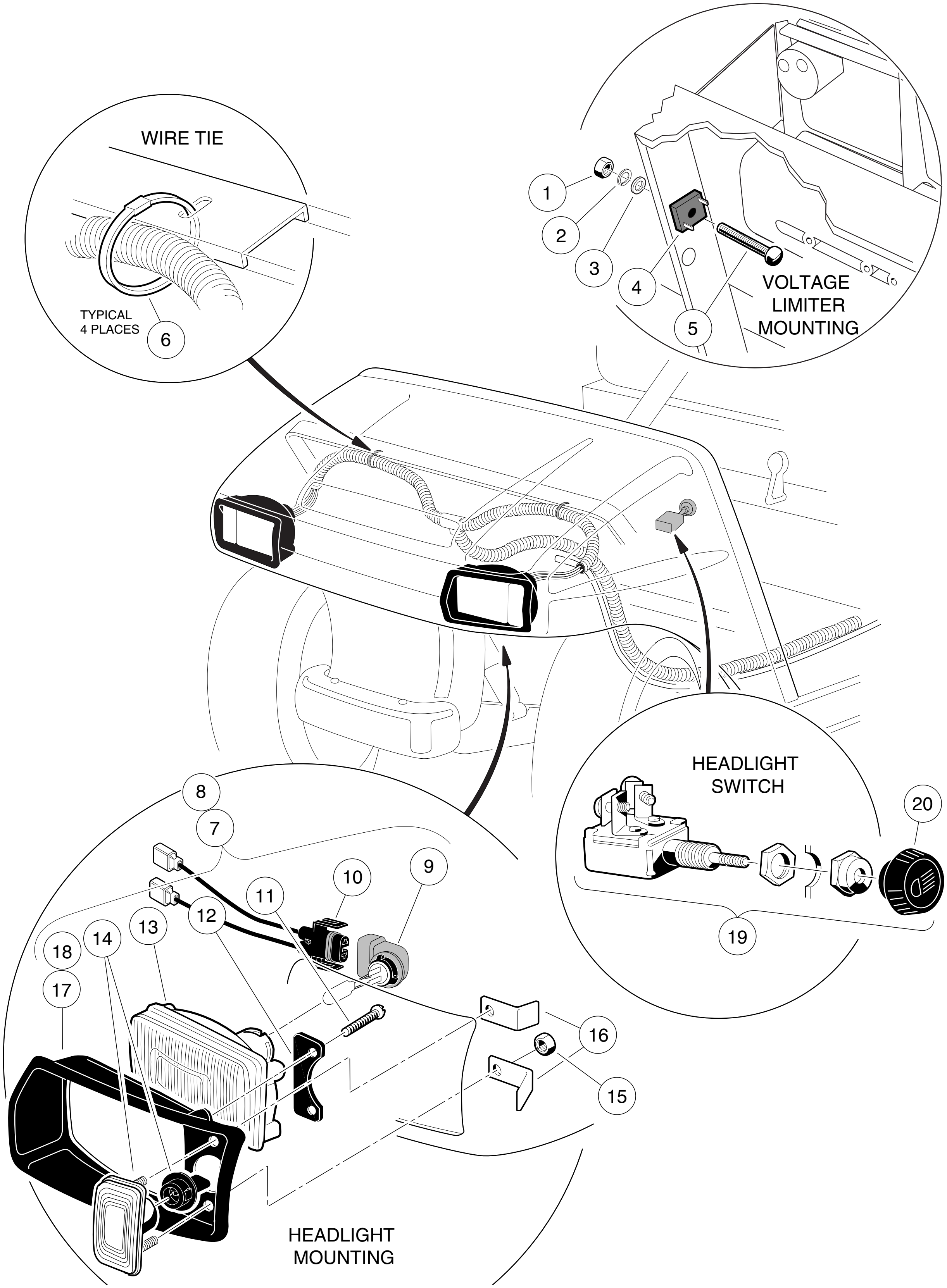
ELECTRICAL COMPONENT BOX, GASOLINE VEHICLE – TURF/CARRYALL 1, 2, AND XRT AND TURF 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101992602	Box, Electrical Component, Complete (includes items 1 - 25)	1
1	1015372	Cover, Electrical Component Box	1
2	1015752	Screw, Hi-Lo, #12-16 x 5/8	5
3	1013589	Ring, Retaining	1
4	1015373	Cam, Electrical Box	1
5	1014145	Bushing, Bronze	2
6	1014065	Washer, Flat	1
7	1010954	Stud, Ball, 1/4-28	1
8	1015345	Assembly, Bell Crank and Shaft	1
9	8717	Nut, Nylon Lock, 1/4-28	1
10	8057	Nut, Hex, #4-40	4
11	8058	Washer, Lock, #4	2
12	1014807	Switch, Limit	1
13	1014808	Switch, Limit	1
14	1012431	Washer, Flat, #4	2
15	N/A	Wire Assembly, #16 Orange	1
16	1015878	Screw, Hex-Head Machine, #4-40 x 1-5/8	2
17	101856102	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1-1/2	1
18	1015777	Assembly, Voltage Regulator	1
19	7893	Nut, Hex, #10-32	2
20	1242	Nut, Hex, 5/16-18	2
21	1013609	Solenoid, 12-Volt	1
22	1012295	Fuse, 10-Amp	1
23	1015737	Wire Assembly, #10 Red	1
24	1015741	Block, Fuse	1
25	1015371	Box, Electrical Component	1
26	1015405	Bolt, Carriage, 5/16-18 x 2	1
27	1241	Washer, Flat, 5/16	2
28	7473	Nut, Nylon Lock, 5/16-18	2
29	7818	Bolt, Carriage, 5/16-18 x 1-1/2	1
30	1016423	Fuse, 20-Amp (Turf 2 and Turf/Carryall 2 XRT only)	1


TYPICAL
4 PLACES
OFF ON
7
5
6
12
11
10
8
9
−M
1
2
+M
AS SEEN
FROM FRONT
DRIVER SIDE
OF VEHICLE,
BODY
REMOVED
4
3
2
1
TYPICAL
2 PLACES
16
17
15
13
18
TYPICAL
3 PLACES
14

ELECTRICAL COMPONENTS, FRONT BODY – GASOLINE TURF/CARRYALL 1, 2, XRT, AND 2 PLUS

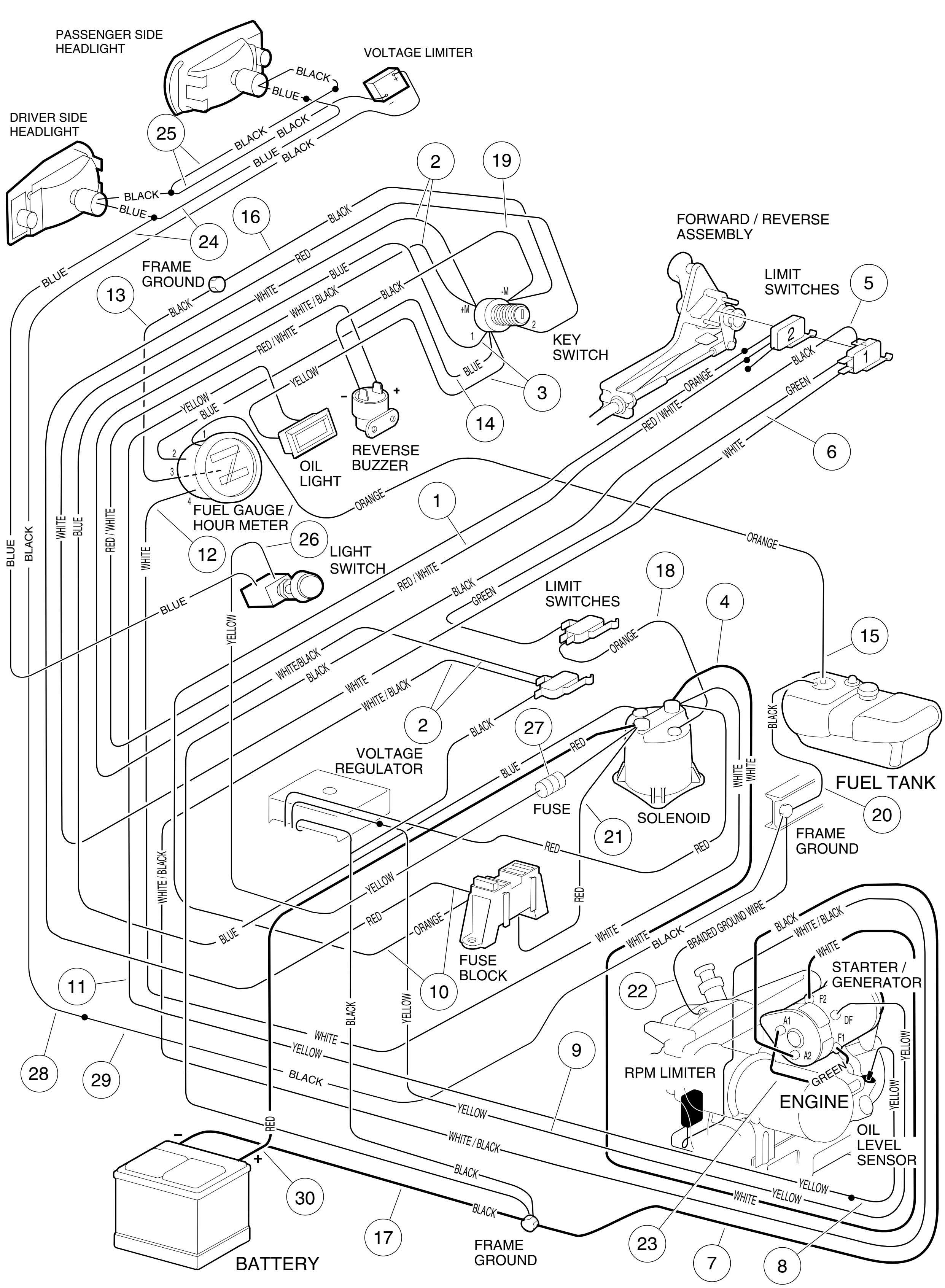
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016859	Kit, Reverse Buzzer (includes items 2, 3, and 4)	1
2	1016849	Screw, Pan-Head Hi-Lo, #4-24 X 5/16	2
3	1016851	Buzzer, Reverse	1
4	N/A	Wire Assembly, #18 Black	1
5	1011229	Nut, K-Lock, #6-32	1
6	1015720	Screw, Hex Washer-Head, #6-32 x 1/2	1
7	101830601	Assembly, Screw and Washer (quantity of 5 used for Carryall 2 Plus)	4
8	101826301	Switch, Key (Turf/Carryall 1, 2 and XRT)	1
8	101826401	Switch, Key (Carryall 2 Plus only)	1
9	101851101	Washer	1
10	101830701	Nut, Key Switch	1
11	101834502	Cap, Key Switch	1
12	1012505	Key (pair)	1
13	1016630	Light, Low Oil Warning	1
14	101990701	Fuel Gauge/Hour Meter (includes item 15)	1
15	N/A	Bracket	1
16	101991101	Nut, M4 x .7	2
17	1012986	Washer, Lock, M4	2
18	101900901	Retainer, Harness	3


WIRE TIE
TYPICAL
4 PLACES
6
1
2
3
4
5
VOLTAGE
LIMITER
MOUNTING
HEADLIGHT
SWITCH
20
19
8
7
10
9
11
12
13
14
18
17
16
15
HEADLIGHT
MOUNTING

HEADLIGHTS – GASOLINE XRT AND TURF 2

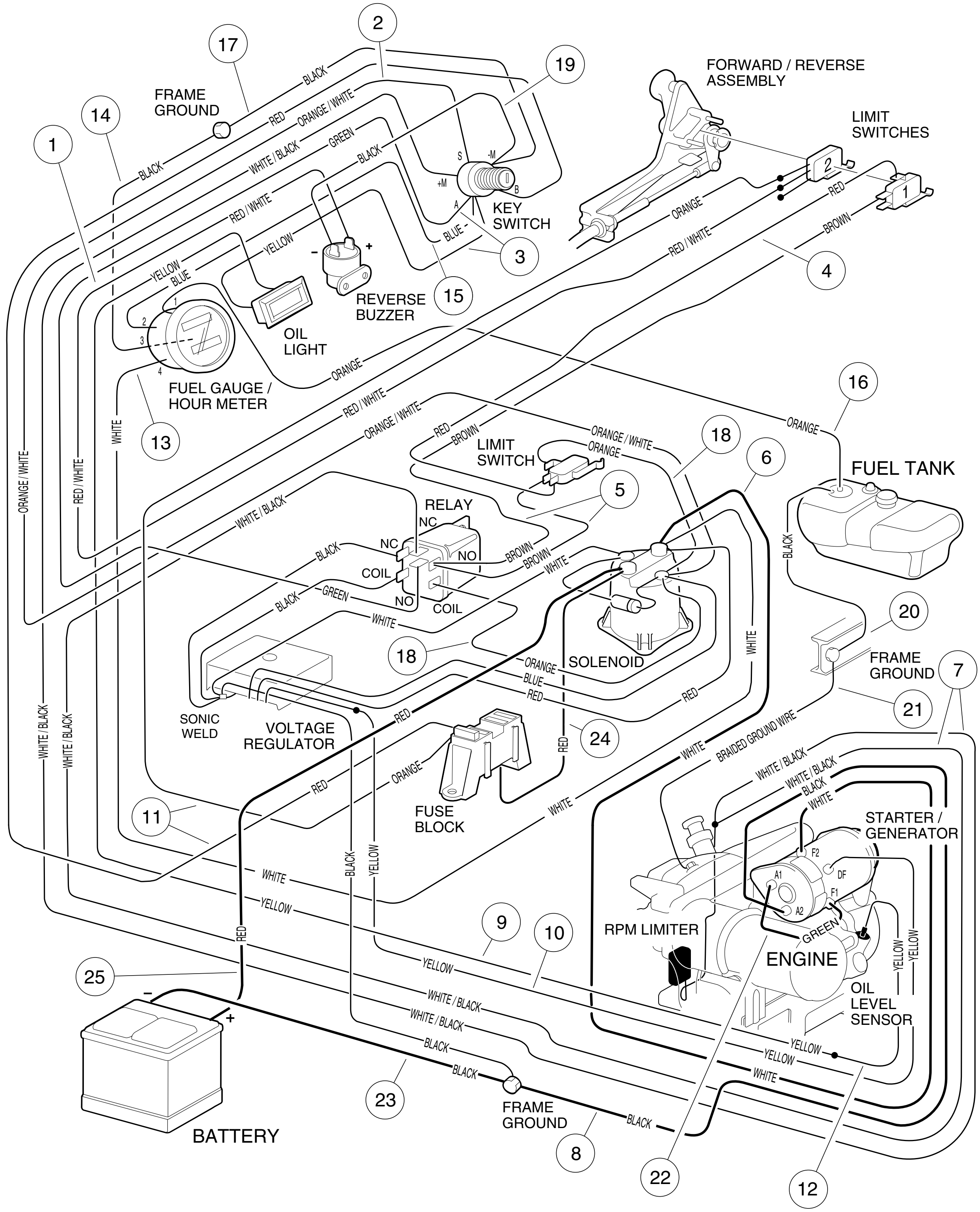
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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	7893	Nut, Hex, #10-32	1
2	1016	Washer, Lock, #10	1
3	183	Washer, Flat, #10	1
4	1017721	Limiter, Voltage	1
5	1010909	Screw, Hex-Head Machine, #10-32 x 1-1/4	1
6	8990	Tie, Wire	4
7	101988001	Assembly, Headlight, Driver-Side (includes items 9 - 17)	1
8	101988002	Assembly, Headlight, Passenger-Side (includes items 9 - 16 and 18)	1
9	101988101	Bulb, Halogen	1
10	101987901	Harness, Headlight Wire	1
11	1013461	Screw, Hi-Lo, #10-16	2
12	1017065	Retainer, Headlight	1
13	101988201	Lens, Headlight	1
14	1017062	Assembly, Turn Signal Lens	1
15	7893	Nut, Hex, Stainless Steel, #10-32	2
16	1017064	Bracket, Mounting	2
17	1016880	Bezel, Headlight, Driver-Side	1
18	1016879	Bezel, Headlight, Passenger-Side	1
19	4034	Switch, Light (includes item 20)	1
20	1013857	Knob, Light Switch	1


PASSENGER SIDE HEADLIGHT
VOLTAGE LIMITER
DRIVER SIDE HEADLIGHT
FRAME GROUND
FORWARD / REVERSE ASSEMBLY
LIMIT SWITCHES
KEY SWITCH
REVERSE BUZZER
OIL LIGHT
FUEL GAUGE / HOUR METER
LIGHT SWITCH
LIMIT SWITCHES
VOLTAGE REGULATOR
FUSE
SOLENOID
FUEL TANK
FRAME GROUND
FUSE BLOCK
STARTER / GENERATOR
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
BATTERY
FRAME GROUND
BRAIDED GROUND WIRE

WIRING – GASOLINE TURF/CARRYALL 2 XRT

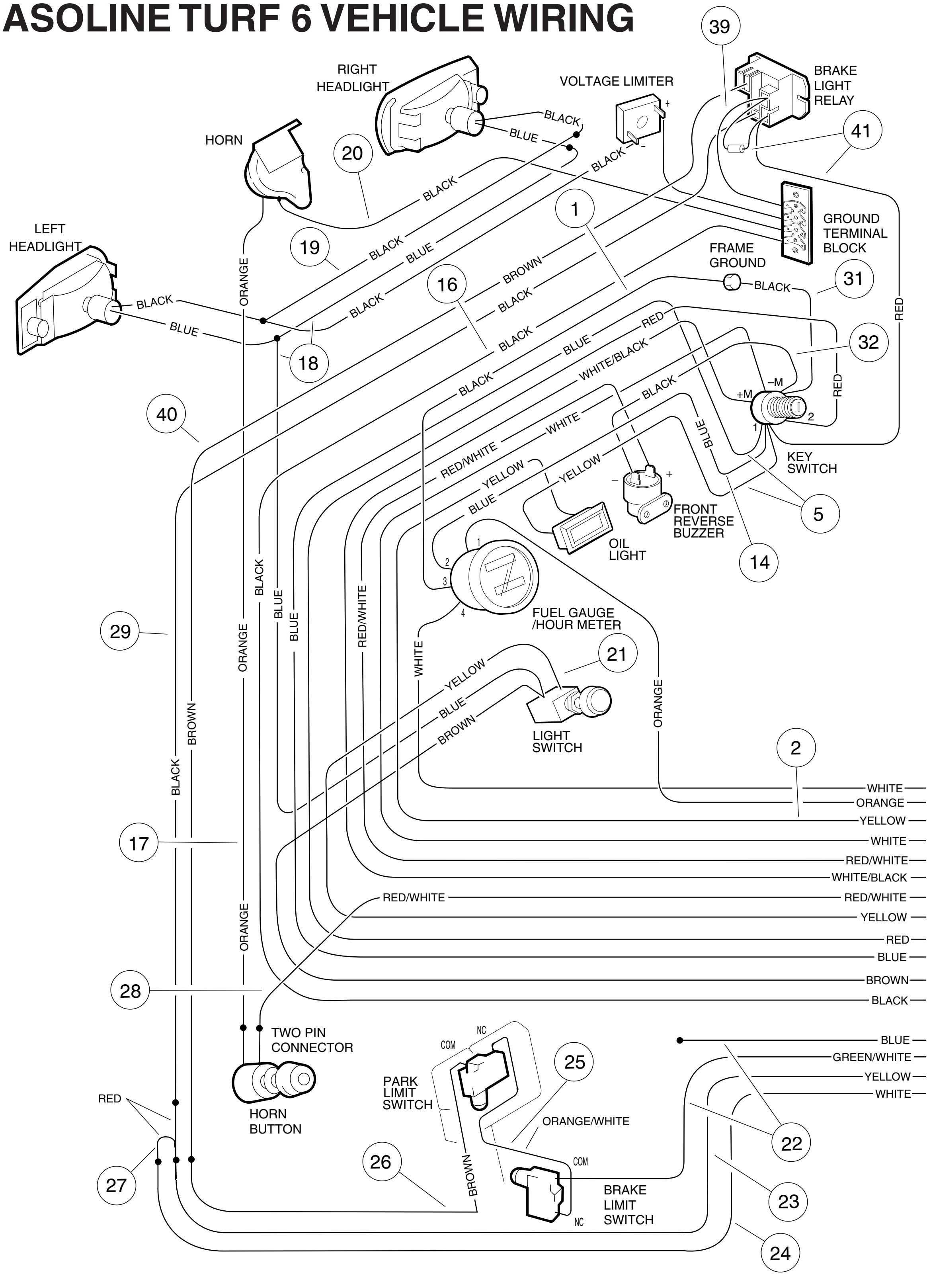
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101990102	Wire Harness Assembly (includes items 1 - 15)	1
1	N/A	Wire Assembly, #18 Red/White	1
2	N/A	Wire Assembly, #18 White, #18 White/Black, #18 White/Black	1
3	N/A	Wire Assembly, #18 Yellow, #18 Blue	1
4	1015769	Wire Assembly, #6 White	1
5	N/A	Wire Assembly, #16 Black	1
6	N/A	Wire Assembly, #16 Green	1
7	1016380	Wire Assembly, #6 Black	1
8	N/A	Wire Assembly, #18 Yellow	1
9	N/A	Wire Assembly, #16 Yellow	1
10	N/A	Wire Assembly, #16 Red, #16 Orange	1
11	N/A	Wire Assembly, #16 Yellow	1
12	N/A	Wire Assembly, #18 White	1
13	N/A	Wire Assembly, #18 Black	1
14	N/A	Wire Assembly, #18 Blue	1
15	N/A	Wire Assembly, #18 Orange	1
16	N/A	Wire Assembly, #18 Black	1
17	1012382	Wire Assembly, #6 Black	1
18	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
19	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
20	N/A	Wire Assembly, #18 Black	1
21	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
22	1015332	Wire Assembly, #10 Braided Ground	1
23	101837301	Wire Assembly, #6 Green	1
	1016858	Wire Harness, Headlight (includes items 24 - 29)	1
24	N/A	Wire Assembly, #16 Blue	1
25	N/A	Wire Assembly, #16 Black	1
26	N/A	Wire Assembly, #16 Yellow (includes item 27)	1
27	8106	Fuse, 20-Amp	1
28	N/A	Wire Assembly, #16 Black	1
29	N/A	Wire Assembly, #16 Black	1
30	1014119	Wire Assembly, #6 Red	1

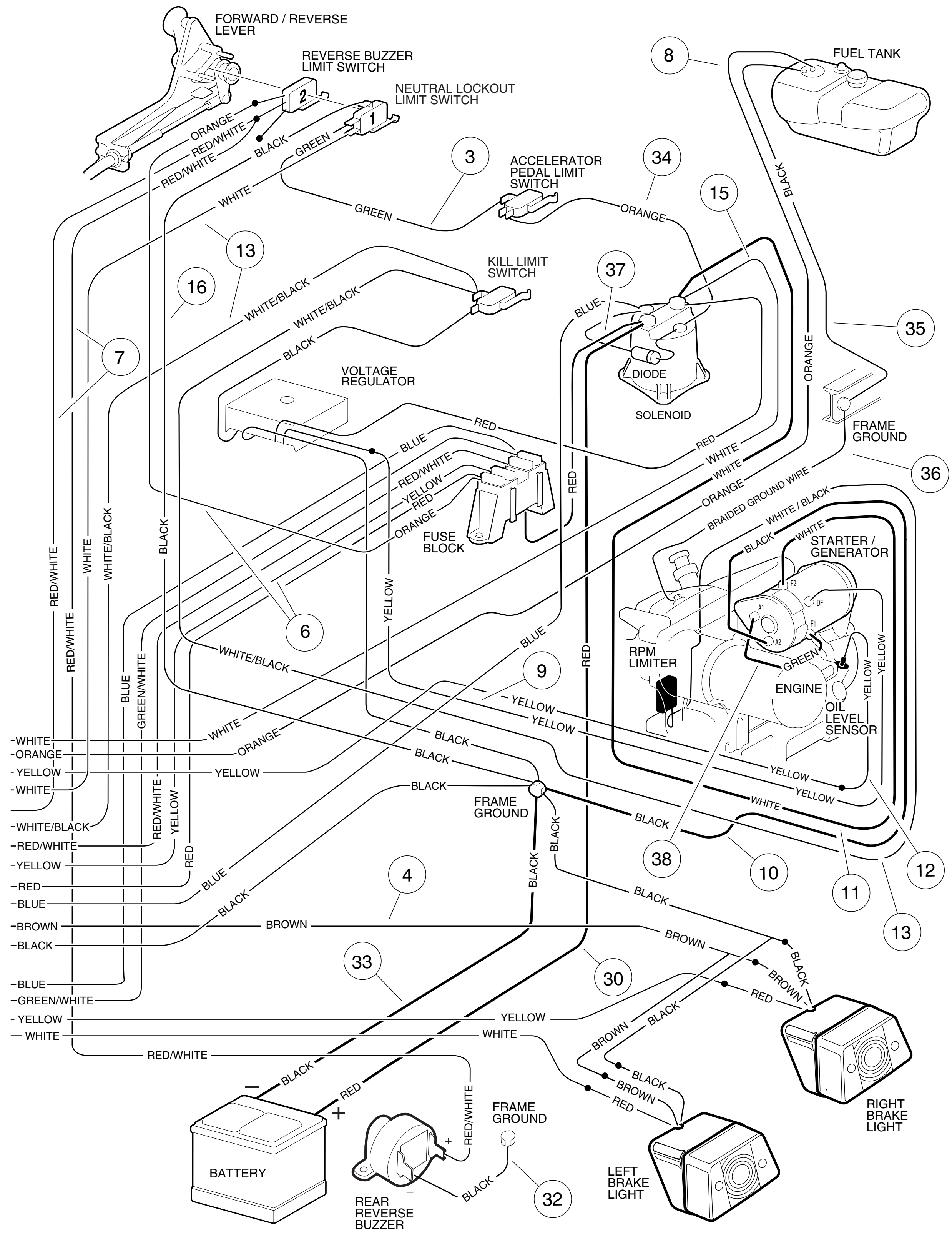

FORWARD / REVERSE ASSEMBLY
LIMIT SWITCHES
FRAME GROUND
KEY SWITCH
REVERSE BUZZER
OIL LIGHT
FUEL GAUGE / HOUR METER
LIMIT SWITCH
RELAY
SOLENOID
FUEL TANK
SONIC WELD
VOLTAGE REGULATOR
FUSE BLOCK
STARTER / GENERATOR
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
BATTERY
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WIRING – GASOLINE CARRYALL 2 PLUS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101990302	Wire Harness (includes items 1 - 16)	1
1	N/A	Wire Assembly, #18 Red/White	1
2	N/A	Wire Assembly, #18 Orange/White	1
3	N/A	Wire Assembly, #18 Yellow, #18 Green	1
4	N/A	Wire Assembly, #18 Red	1
5	N/A	Wire Assembly, #18 Brown	1
6	1015769	Wire Assembly, #6 White	1
7	N/A	Wire Assembly, #18 White/Black	1
8	1016380	Wire Assembly, #6 Black	1
9	N/A	Wire Assembly, #16 Yellow	1
10	N/A	Wire Assembly, #16 Yellow	1
11	N/A	Wire Assembly, #16 Red, #16 Orange	1
12	N/A	Wire Assembly, #18 Yellow	1
13	N/A	Wire Assembly, #18 White	1
14	N/A	Wire Assembly, #18 Black	1
15	N/A	Wire Assembly, #18 Blue	1
16	N/A	Wire Assembly, #18 Orange	1
17	N/A	Wire Assembly, #18 Black	1
18	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
19	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
20	N/A	Wire Assembly, #18 Black	1
21	1015332	Wire Assembly, #10 Braided Ground	1
22	101837301	Wire Assembly, #6 Green	1
23	1012382	Wire Assembly, #6 Black	1
24	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
25	1014119	Wire Assembly, #6 Red	1

GASOLINE TURF 6 VEHICLE WIRING




FORWARD / REVERSE LEVER
REVERSE BUZZER LIMIT SWITCH
NEUTRAL LOCKOUT LIMIT SWITCH
2
1
FUEL TANK
ACCELERATOR PEDAL LIMIT SWITCH
KILL LIMIT SWITCH
VOLTAGE REGULATOR
DIODE
SOLENOID
FRAME GROUND
FUSE BLOCK
STARTER / GENERATOR
BRAIDED GROUND WIRE
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
FRAME GROUND
BATTERY
REAR REVERSE BUZZER
FRAME GROUND
LEFT BRAKE LIGHT
RIGHT BRAKE LIGHT
A1
A2
F1
F2
DF
8
3
34
15
13
16
37
35
7
36
6
9
38
10
11
12
13
4
33
30
32
WHITE
ORANGE
YELLOW
WHITE
WHITE/BLACK
RED/WHITE
YELLOW
RED
BLUE
BROWN
BLACK
BLUE
GREEN/WHITE
YELLOW
WHITE
RED/WHITE

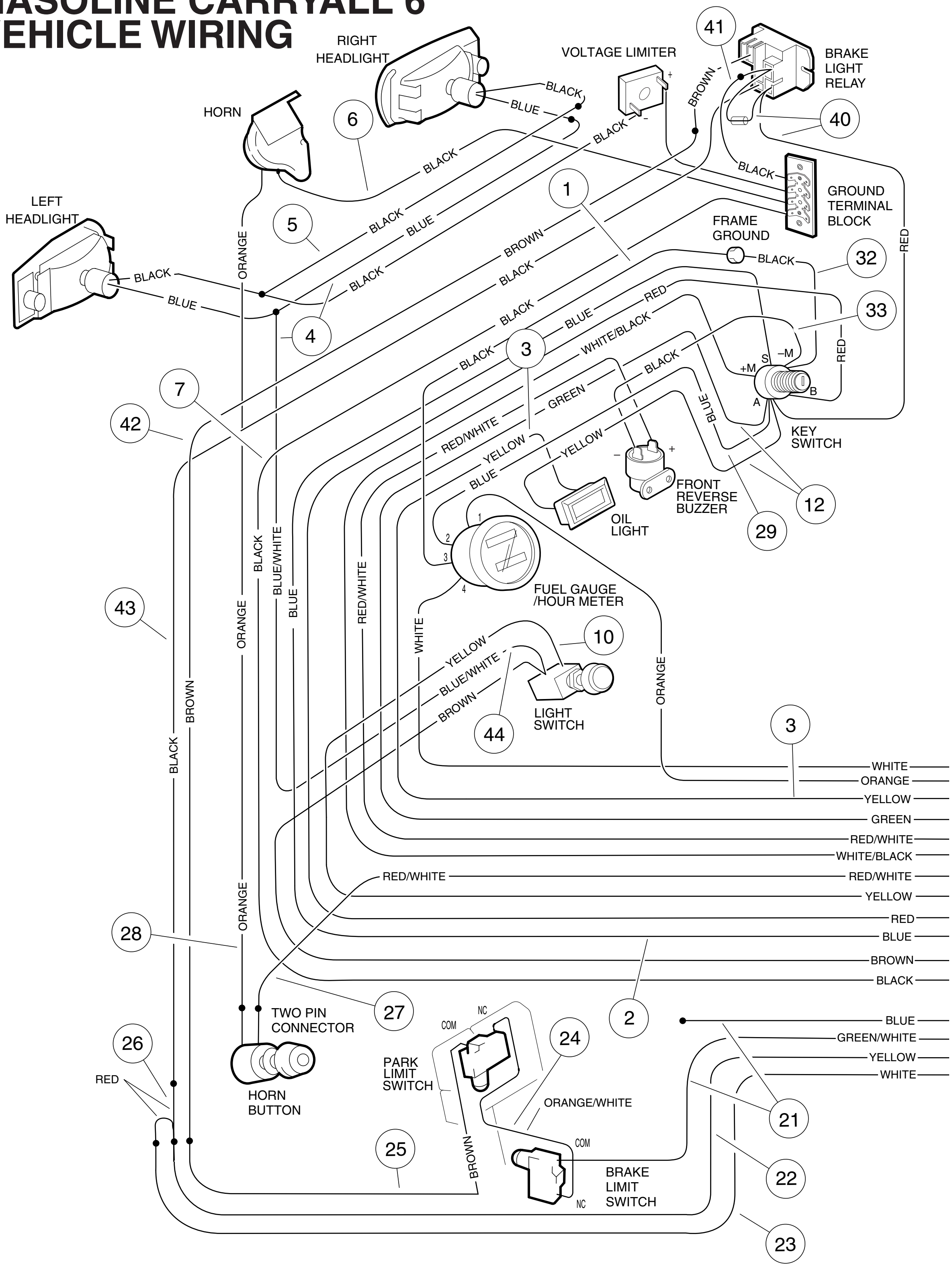
See previous two pages for wiring diagram.

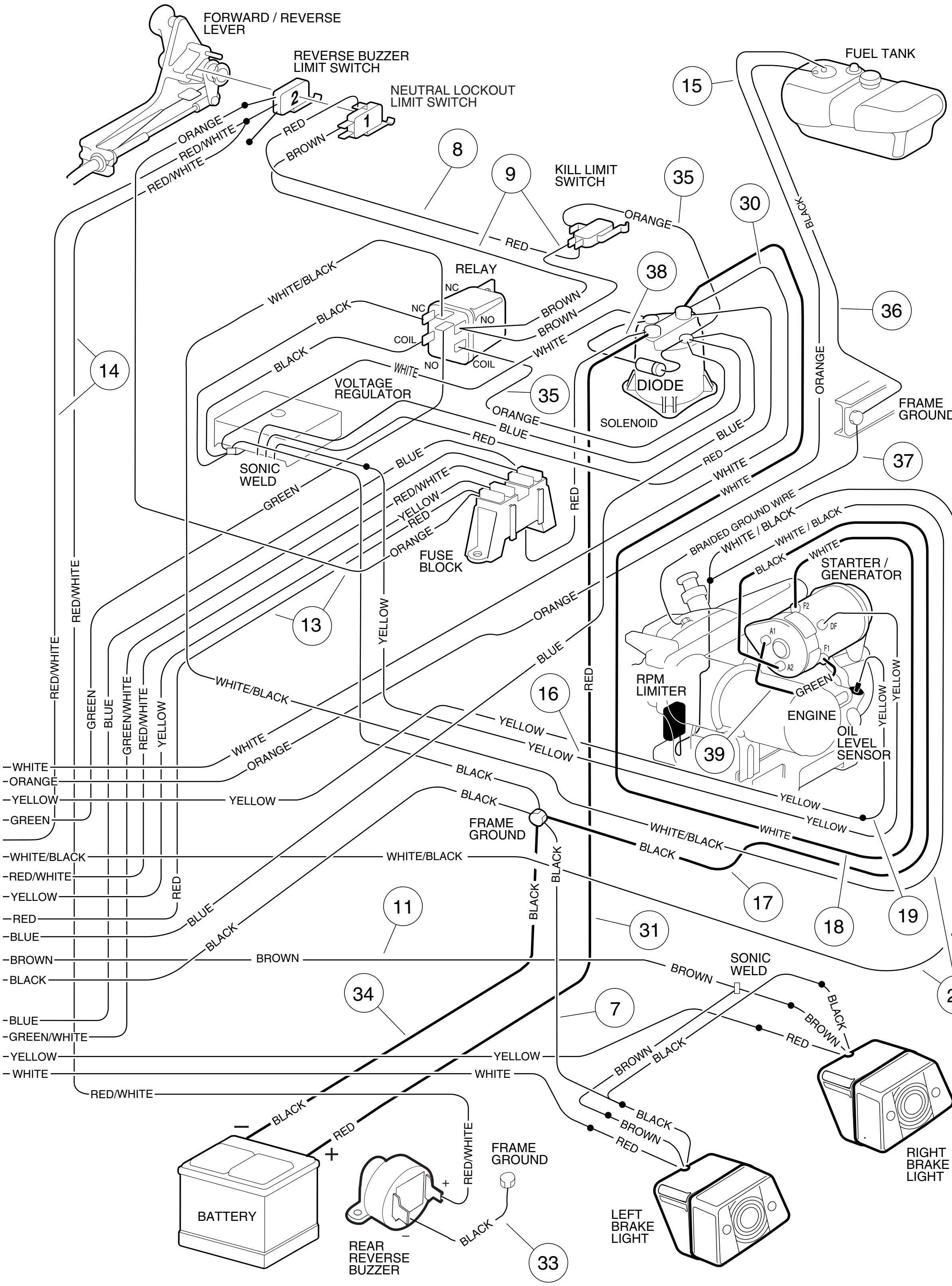
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101990202	Wire Harness (includes items 1 - 15)	1
1	N/A	Wire Assembly, #18 Black	1
2	N/A	Wire Assembly, #18 Yellow	1
3	N/A	Wire Assembly, #18 Green	1
4	N/A	Wire Assembly, #16 Brown	1
5	N/A	Wire Assembly, #18 Blue, #18 Yellow	1
6	N/A	Wire Assembly, #16 Red, #16 Orange	1
7	N/A	Wire Assembly, #18 Red/White	1
8	N/A	Wire Assembly, #18 Orange	1
9	N/A	Wire Assembly, #16 Yellow	1
10	1016380	Wire Assembly, # 6 Black	1
11	1015769	Wire Assembly, # 6 White	1
12	N/A	Wire Assembly, #18 Yellow	1
13	N/A	Wire Assembly, #18 White/Black, #18 White	1
14	N/A	Wire Assembly, #18 Blue	1
15	N/A	Wire Assembly, #18 White	1
	101989802	Wire Harness, Lighting (includes items 17 - 28)	
16	N/A	Wire Assembly, #14 Black, #18 Black	1
17	N/A	Wire Assembly, #16 Orange	1
18	N/A	Wire Assembly, #16 Blue	1
19	N/A	Wire Assembly, #16 Black	1
20	N/A	Wire Assembly, #16 Black	1
21	N/A	Wire Assembly, #14 Yellow	1
22	N/A	Wire Assembly, #16 Green/White, #16 Blue	1
23	N/A	Wire Assembly, #16 Yellow	1
24	N/A	Wire Assembly, #16 White	1
25	N/A	Wire Assembly, #16 Orange/White	1
26	N/A	Wire Assembly, #16 Brown	1
27	N/A	Wire Assembly, #18 Red	1
28	N/A	Wire Assembly, #16 Red/White	1
29	N/A	Wire Assembly, #18 Black	1
30	1014119	Wire Assembly, #6 Red	1
31	N/A	Wire Assembly, #18 Black	1
32	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	2
33	1012382	Wire Assembly, #6 Black	1
34	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
35	N/A	Wire Assembly, #18 Black	1
36	1015332	Wire Assembly, #10 Braided Ground Wire	1
37	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
38	101837301	Wire Assembly, #6 Green	1
39	N/A	Wire Assembly, #18 Black	1
40	N/A	Wire Assembly, #18 Brown	1
41	101914401	Assembly, Voltage Supressor (includes #18 red and #18 blue)	1

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GASOLINE CARRYALL 6 VEHICLE WIRING

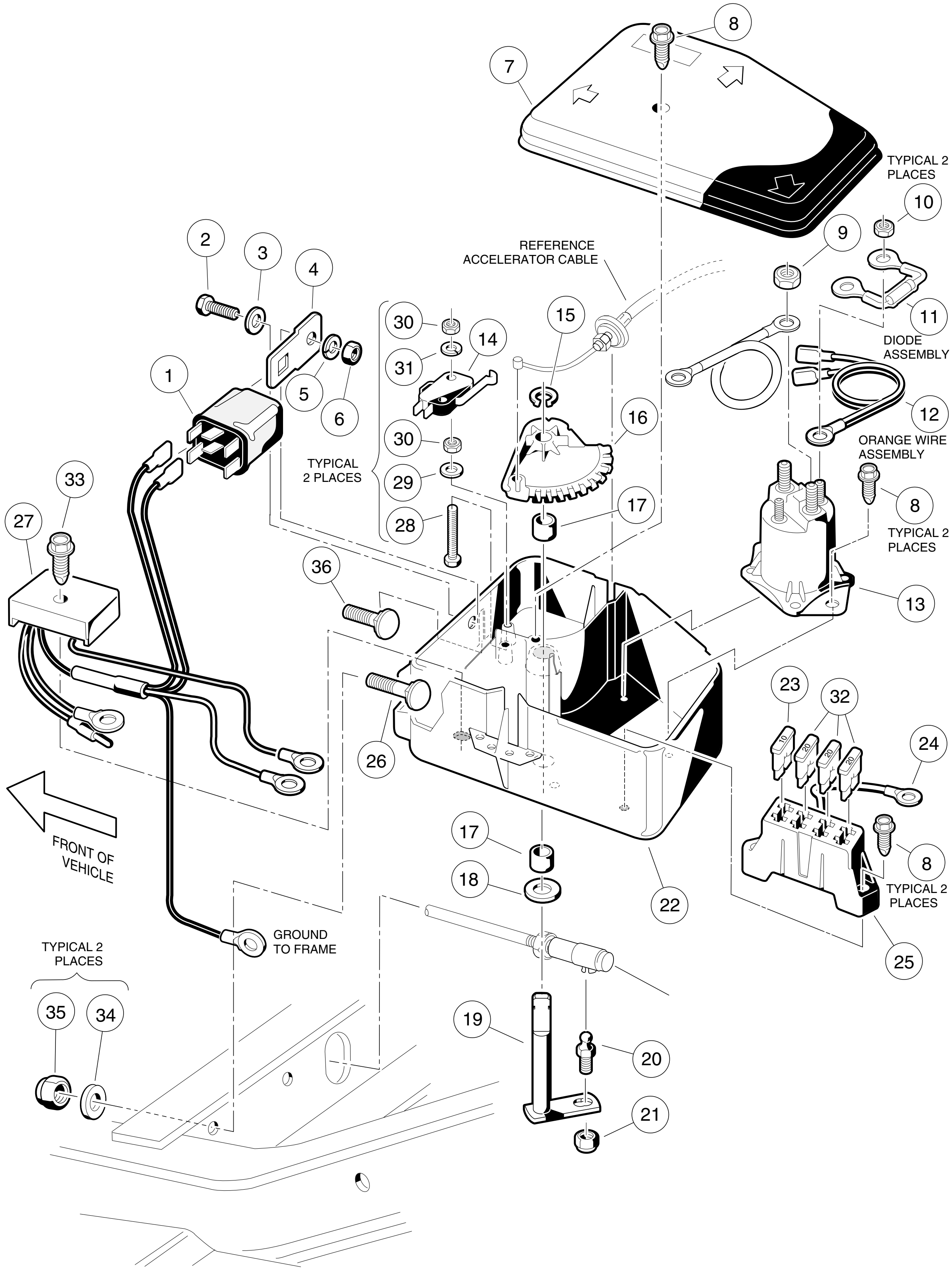



FORWARD / REVERSE LEVER
REVERSE BUZZER LIMIT SWITCH
NEUTRAL LOCKOUT LIMIT SWITCH
KILL LIMIT SWITCH
FUEL TANK
RELAY
VOLTAGE REGULATOR
SONIC WELD
DIODE
SOLENOID
FUSE BLOCK
FRAME GROUND
STARTER / GENERATOR
BRAIDED GROUND WIRE
RPM LIMITER
ENGINE
OIL LEVEL SENSOR
BATTERY
REAR REVERSE BUZZER
LEFT BRAKE LIGHT
RIGHT BRAKE LIGHT
1
2
7
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See previous two pages for wiring diagram.

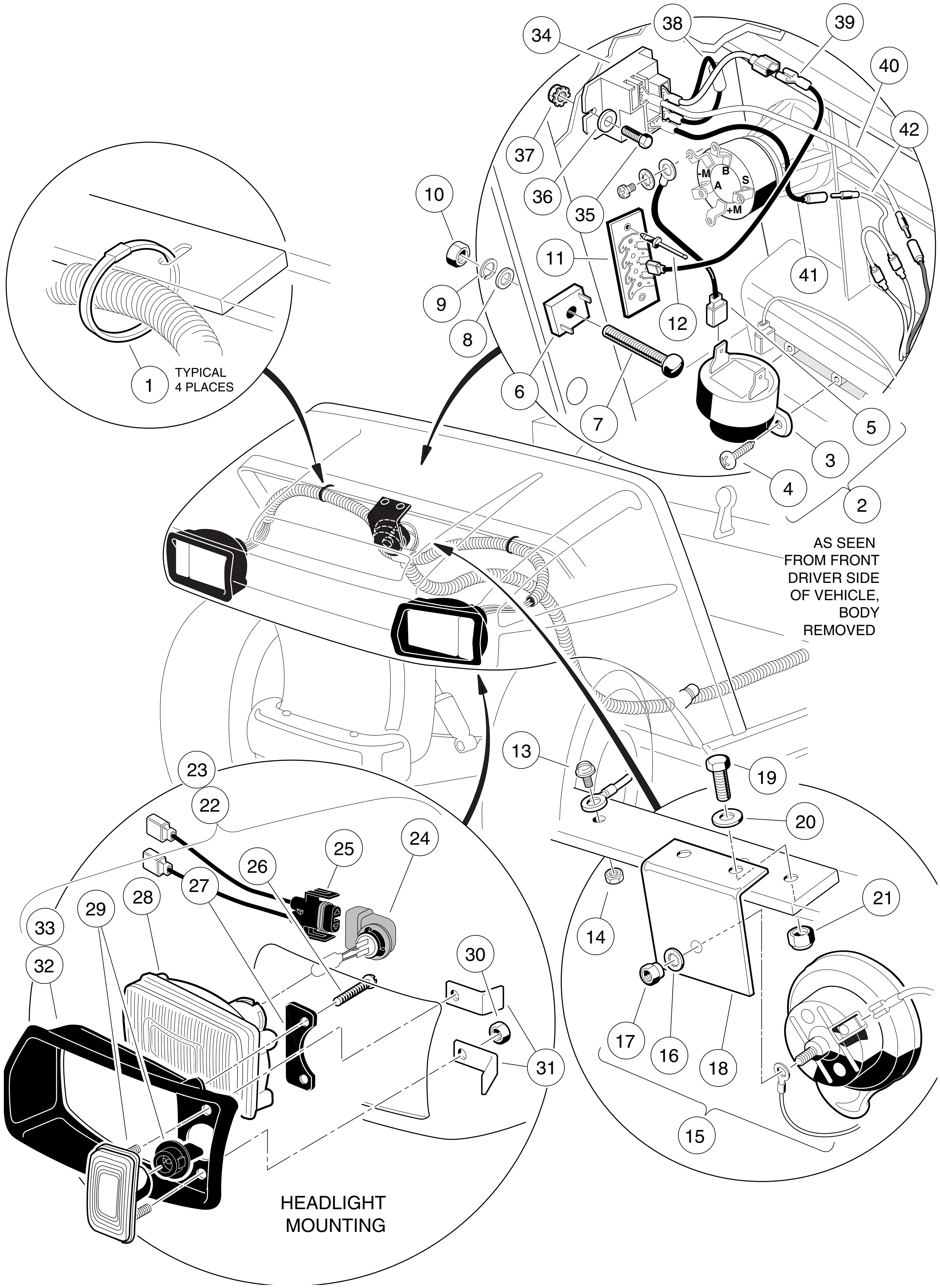
WIRING – GASOLINE CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101990402	Wire Harness (includes items 1 - 30)	1
1	N/A	Wire Assembly, #16 Black	1
2	N/A	Wire Assembly, #18 Blue	1
3	N/A	Wire Assembly, #18 Yellow	1
4	N/A	Wire Assembly, #16 Blue, #16 Blue/White	1
5	N/A	Wire Assembly, #16 Black	1
6	N/A	Wire Assembly, #16 Black	1
7	N/A	Wire Assembly, #14 Black, #18 Black	1
8	N/A	Wire Assembly, #18 Red	1
9	N/A	Wire Assembly, #18 Brown	1
10	N/A	Wire Assembly, #14 Yellow	1
11	N/A	Wire Assembly, #16 Brown	1
12	N/A	Wire Assembly, #18 Green, #18 Yellow	1
13	N/A	Wire Assembly, #16 Red, #16 Orange	1
14	N/A	Wire Assembly, #18 Red/White	1
15	N/A	Wire Assembly, #18 Orange	1
16	N/A	Wire Assembly, #16 Yellow	1
17	1016380	Wire Assembly, # 6 Black	1
18	1015769	Wire Assembly, # 6 White	1
19	N/A	Wire Assembly, #18 Yellow	1
20	N/A	Wire Assembly, #18 White/Black	1
21	N/A	Wire Assembly, #16 Green/White, #16 Blue	1
22	N/A	Wire Assembly, #16 Yellow	1
23	N/A	Wire Assembly, #16 White	1
24	N/A	Wire Assembly, #16 Orange/White	1
25	N/A	Wire Assembly, #16 Brown	1
26	N/A	Wire Assembly, #16 Red	1
27	N/A	Wire Assembly, #16 Red/White	1
28	N/A	Wire Assembly, #16 Orange	1
29	N/A	Wire Assembly, #18 Blue	1
30	N/A	Wire Assembly, #18 White	1
31	1014119	Wire Assembly, #6 Red	1
32	N/A	Wire Assembly, #18 Black	1
33	N/A	Wire Assembly, #18 Black (part of reverse buzzer kit)	1
34	1012382	Wire Assembly, #6 Black	1
35	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
36	N/A	Wire Assembly, #18 Black	1
37	1015332	Wire Assembly, #10 Braided Ground Wire	1
38	1015737	Wire Assembly, #10 Red (part of electrical component box)	1
39	101837301	Wire Assembly, #6 Green	1
40	101914401	Assembly, Voltage Supressor (includes #18 red and #18 blue)	1
41	102199401	Wire Assembly, #18 Black	1
42	102199201	Wire Assembly, #16 Brown	1
43	102199301	Wire Assembly, #18 Black	1
44	N/A	Wire Assembly, #18 Blue/White	1


8
7
TYPICAL 2 PLACES
10
9
REFERENCE ACCELERATOR CABLE
2
3
4
30
15
14
11
31
DIODE ASSEMBLY
1
5
6
16
12
30
ORANGE WIRE ASSEMBLY
TYPICAL 2 PLACES
29
33
17
8
27
28
TYPICAL 2 PLACES
36
13
23
32
24
10
20
20
20
26
FRONT OF VEHICLE
17
8
18
TYPICAL 2 PLACES
22
GROUND TO FRAME
25
TYPICAL 2 PLACES
35
34
19
20
21

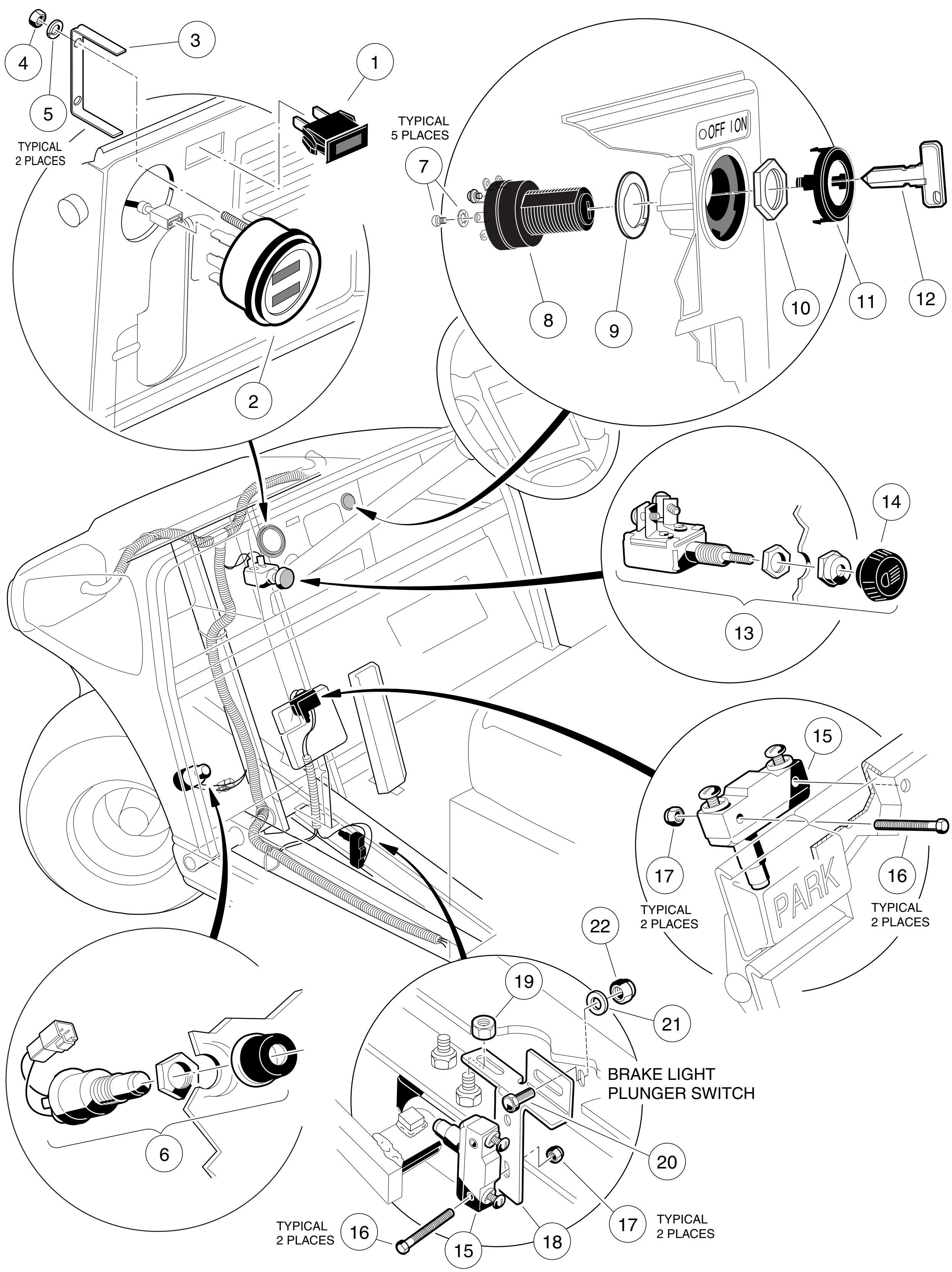
ELECTRICAL COMPONENT BOX, GASOLINE VEHICLE – CARRYALL 2 PLUS AND CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101992701	Box, Electrical Component, Complete (includes items 1 - 31)	1
1	1017239	Relay	1
2	8450	Screw, Hex-Head Machine, #10-24 x 1/2	1
3	183	Washer, Flat, #10	1
4	1017243	Bracket, Relay Mounting	1
5	1016	Washer, Lock, #10	1
6	1017	Nut, Hex, #10-24	1
7	1015372	Cover, Electrical Component Box	1
8	1015752	Screw, Hi-Lo, #12-16 x 5/8	5
9	1242	Nut, Hex, 5/16-18	2
10	7893	Nut, Hex, #10-32	2
11	1014948	Assembly, Diode	1
12	N/A	Wire Assembly, #18 Orange	1
13	1013609	Solenoid	1
14	1014807	Switch, Limit	1
15	1013589	Ring, Retaining	1
16	1015373	Cam, Electrical Box	1
17	1014145	Bushing, Bronze	2
18	1014065	Washer, Flat	1
19	1015345	Assembly, Bell Crank and Shaft	1
20	1010954	Stud, Ball, 1/4-28	1
21	8717	Nut, Nylon Lock, 1/4-28	1
22	1016997	Box, Electrical Component	1
23	1012295	Fuse, 10-Amp	1
24	1015737	Wire Assembly, #10 Red	1
25	1015741	Block, Fuse	1
26	1015405	Bolt, Carriage, 5/16-18 x 2	1
27	1017238	Regulator, Voltage	1
28	1015878	Screw, Hex-Head Machine, #4-40 x 1-5/8	2
29	1012431	Washer, Flat, #4	2
30	8057	Nut, Hex, #4-40	4
31	8058	Washer, Lock, #4	2
32	1016423	Fuse, 20-Amp (Carryall 6 only)	3
33	101856102	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1-1/2	1
34	1241	Washer, Flat, 5/16	2
35	7473	Nut, Nylon Lock, 5/16-18	2
36	7818	Bolt, Carriage, 5/16-18 x 1-1/2	1


TYPICAL
4 PLACES
AS SEEN
FROM FRONT
DRIVER SIDE
OF VEHICLE,
BODY
REMOVED
HEADLIGHT
MOUNTING
-M
B
S
A
+M
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
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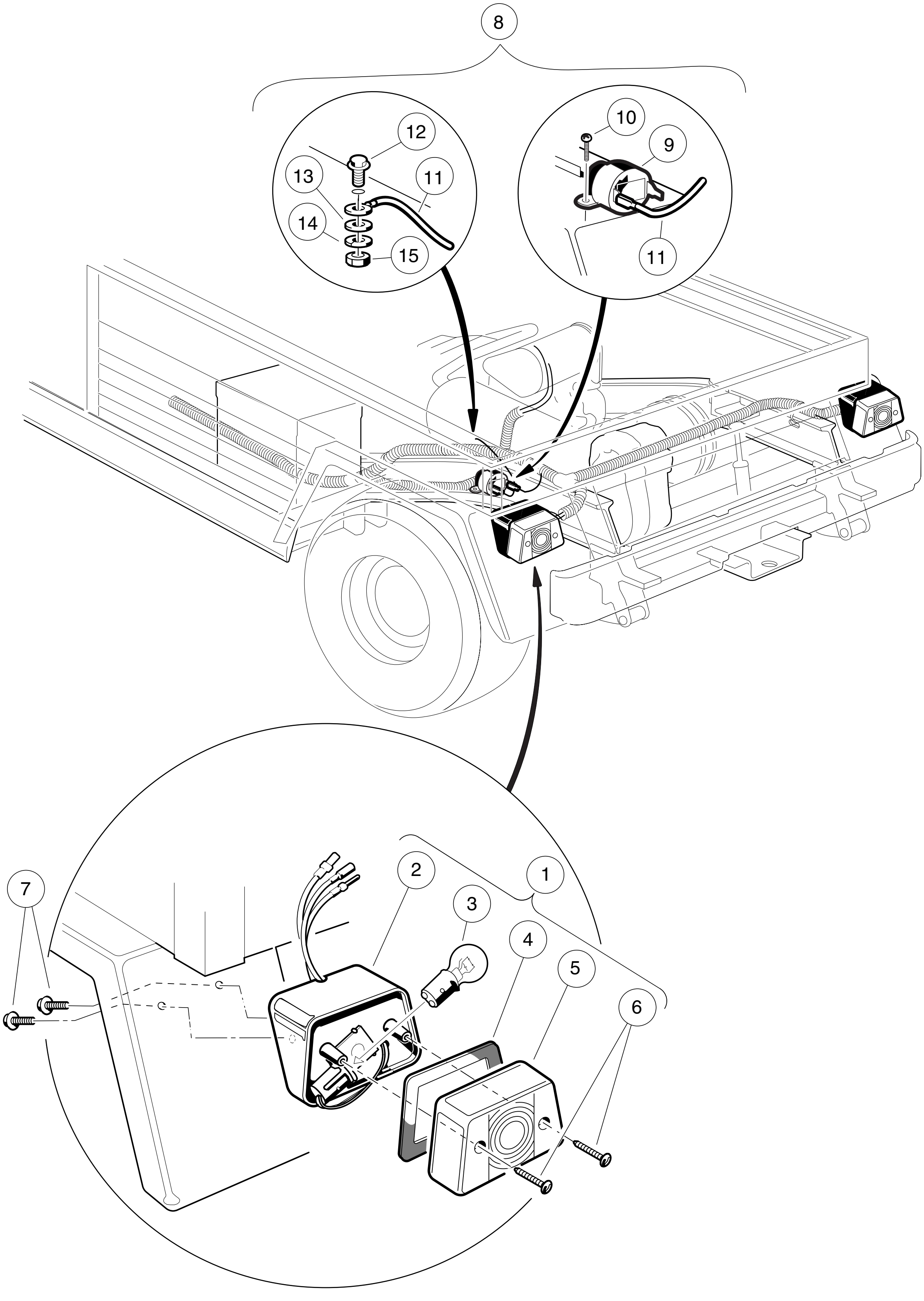
ELECTRICAL COMPONENTS, FRONT BODY – GASOLINE TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	8639	Tie, Wire	4
2	1016859	Kit, Reverse Buzzer (includes items 3, 4 and 5)	1
3	1016851	Buzzer, Reverse	1
4	1016849	Screw, Pan-Head Hi-Lo, #4 - 24 x 5/16	2
5	N/A	Wire Assembly, #18 Black	1
6	1017721	Limiter, Voltage (for gasoline vehicle lighting installation)	1
7	1010909	Screw, Machine, #10-32 x 1-1/4	1
8	183	Washer, Flat, #10	1
9	1016	Washer, Lock, #10	1
10	7893	Nut, Hex, #10-32	1
11	1016356	Block, Terminal	1
12	1013357	Rivet, Aluminum Pop, 5/32	2
13	1015720	Screw, Hex Washer-Head, #6-32 x 1/2	1
14	1011229	Nut, K-lock, #6-32	1
15	4029	Assembly, Horn (includes items 16, 17 and 18)	1
16	7820	Washer, Internal Tooth, 5/16	1
17	101955101	Nut, M6 x 1.25	1
18	1011825	Bracket, Horn	1
19	304	Screw, Hex-Head Cap, 1/4-20 x 1	2
20	332	Washer, Flat, 1/4	2
21	8233	Nut, Nylon Lock, 1/4-20	2
22	101988001	Assembly, Headlight, Driver-Side (includes items 24 - 32)	1
23	101988002	Assembly, Headlight, Passenger-Side (includes items 24 - 31 and 33)	1
24	101988101	Bulb, Halogen	1
25	101987901	Harness, Headlight Wire	1
26	1013461	Screw, Hi-Lo, #10-16 x 7/16	2
27	1017065	Retainer, Headlight	1
28	101988201	Lens, Headlight	1
29	1017062	Assembly, Turn Signal Lens	1
30	7893	Nut, Hex, #10-32	2
31	1017064	Bracket, Mounting	2
32	1016880	Bezel, Headlight, Driver-Side	1
33	1016879	Bezel, Headlight, Passenger-Side	1
34	102199001	Relay, Brake Light, 12-volt	1
35	1017853	Bolt, Hex-Head Machine, 6-32 x 3/4	2
36	7591	Washer, Flat,	2
37	1011229	Nut, Lock, Hex, 6-32	2
38	101914401	Assembly, Voltage Suppressor (includes #18 red and #18 blue)	1
39	N/A	Wire Assembly, # 18 Black	1
40	N/A	Wire Assembly, # 18 Brown	1
41	N/A	Wire Assembly, # 18 Black	1
42	N/A	Wire Assembly, # 18 Red	1


1
2
3
4
5
TYPICAL
2 PLACES
TYPICAL
5 PLACES
7
OFF ON
8
9
10
11
12
13
14
15
16
17
TYPICAL
2 PLACES
PARK
16
TYPICAL
2 PLACES
22
19
21
BRAKE LIGHT
PLUNGER SWITCH
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6
TYPICAL
2 PLACES
16
15
18
17
TYPICAL
2 PLACES

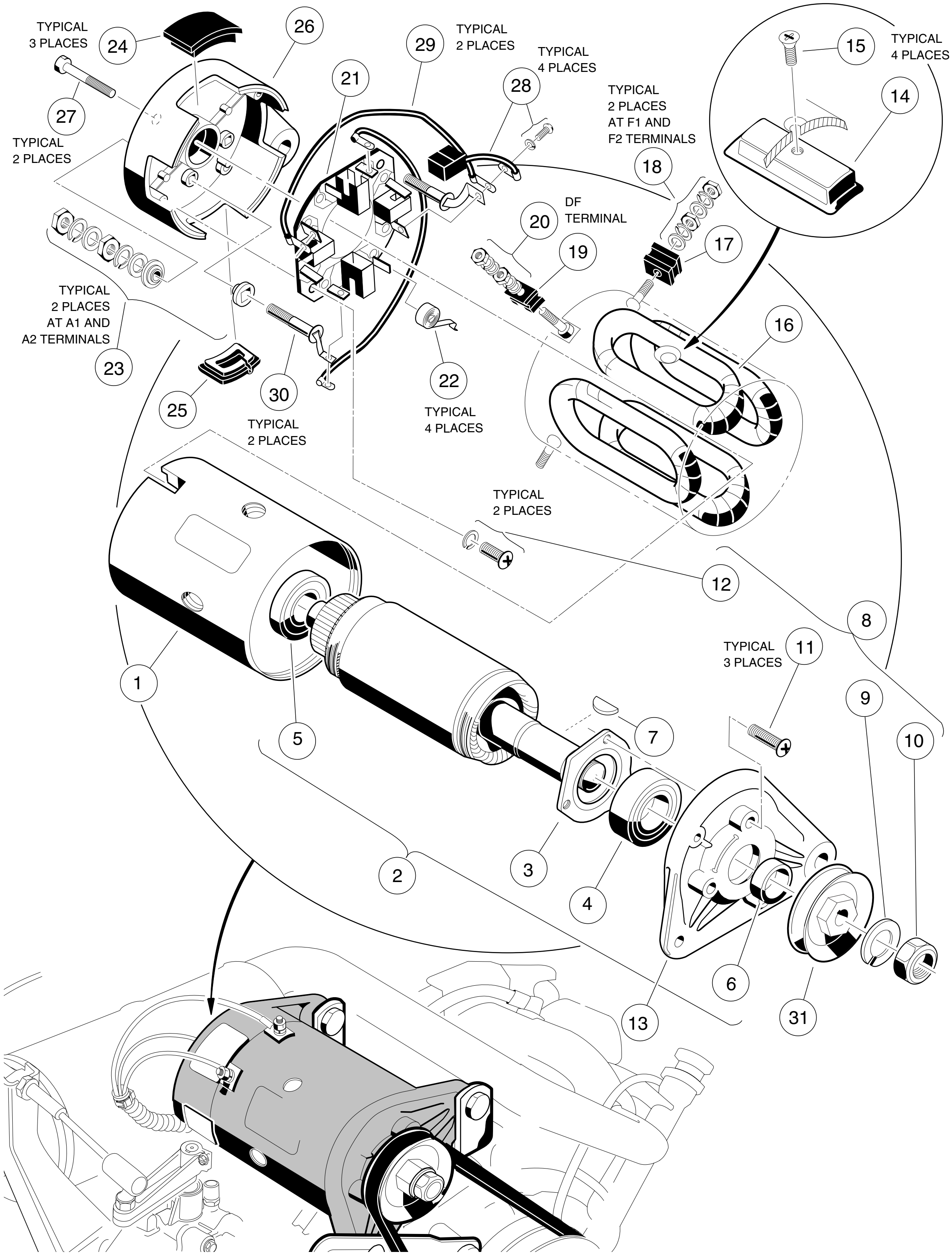
CONTROLS AND INDICATORS – GASOLINE TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016630	Light, Low Oil Warning	1
2	101990701	Fuel Gauge/Hour Meter (includes item 3)	1
3	102025901	Bracket	1
4	101991101	Nut, M4 x .7	2
5	1012986	Washer, Lock, M4	2
6	101969701	Button, Horn	1
7	101830601	Assembly, Screw and Washer	5
8	101826401	Switch, Key (Carryall 6)	1
8	101826301	Switch, Key (Turf 6)	1
9	101851101	Washer	1
10	101830701	Nut, Key Switch	1
11	101834502	Cap, Key Switch	1
12	1012505	Key (Pair)	1
13	4034	Switch, Light (includes item 14)	1
14	1013857	Knob, Light Switch	1
15	1011439	Switch, Limit	2
16	1011557	Screw, Hex-Head Machine, #6-32 x 1	4
17	101932201	Nut, Nylon Lock, #6-32	4
18	101957101	Bracket, Brake Light Switch	1
19	1011280	Nut, Lock, 5/16-18	1
20	7173	Bolt, Hex-Head, Cap, 5/16-18 x 3/4	1
21	1241	Washer, Flat, 5/16-18	1
22	7473	Nut, Nylon Lock, 5/16-18	1


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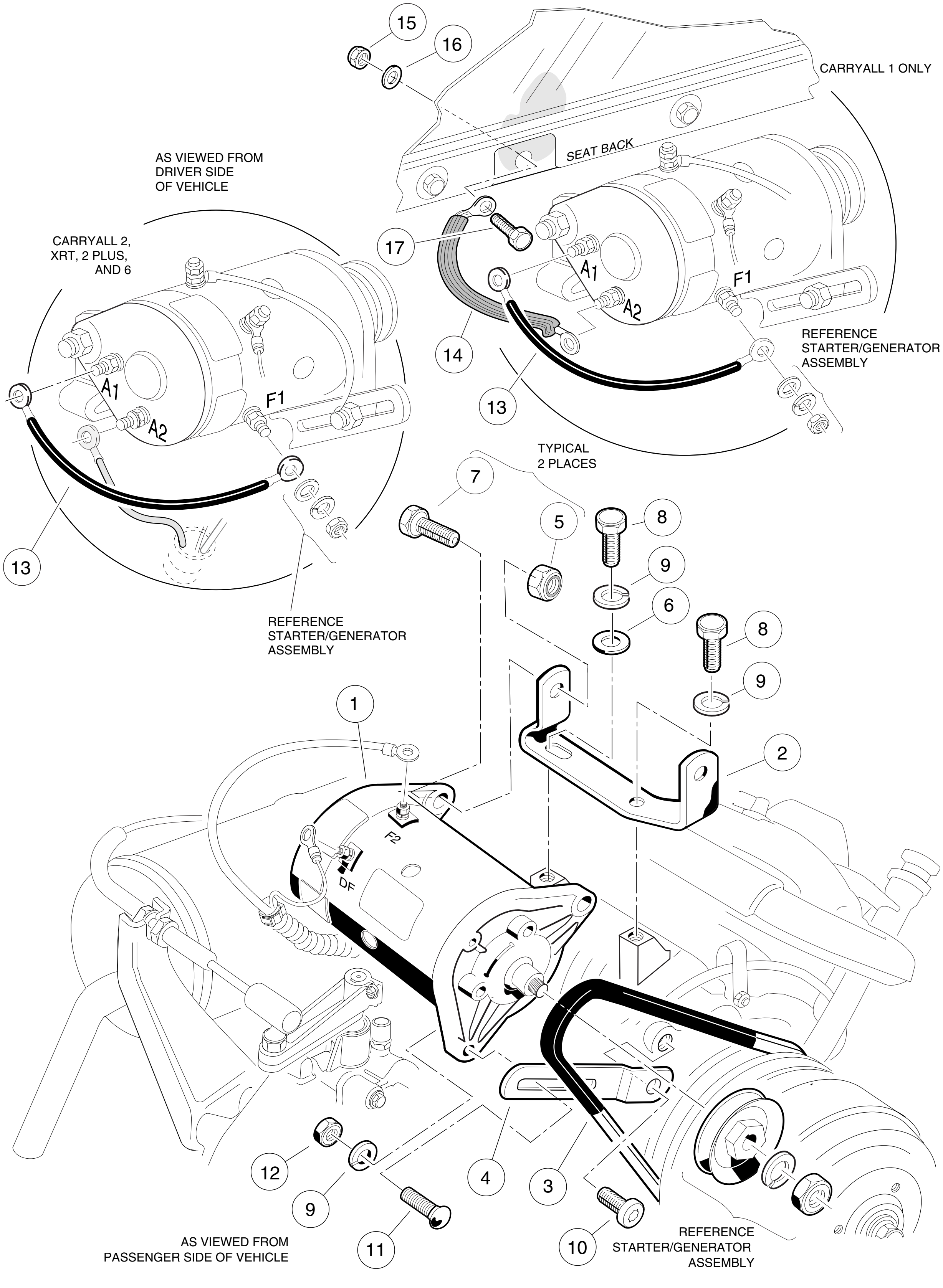
ELECTRICAL COMPONENTS, REAR BODY – GASOLINE TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016717	Assembly, Taillight (includes items 2 - 6)	2
2	N/A	Housing, Taillight	1
3	1011582	Bulb	1
4	N/A	Gasket	1
5	N/A	Lens	1
6	N/A	Screw, Lens	2
7	1015752	Screw, Hex Washer-Head, #12-16 x 1/2	4
8	1016859	Kit, Reverse Buzzer (includes items 9 - 15)	1
9	1016851	Buzzer, Reverse	1
10	1016849	Screw, Pan-Head Hi-Lo, #4-24 x 5/16	2
11	N/A	Wire Assembly, #18 Black	1
12	1015720	Screw, Hex Washer-Head, #6-32 x 1/2	1
13	7591	Washer, Flat	1
14	1011622	Washer, Lock, #6	1
15	1011558	Nut, Hex, #6-32	1


TYPICAL
3 PLACES
24
26
29
TYPICAL
2 PLACES
TYPICAL
4 PLACES
15
TYPICAL
4 PLACES
21
28
14
27
TYPICAL
2 PLACES
AT F1 AND
F2 TERMINALS
TYPICAL
2 PLACES
18
DF
TERMINAL
20
19
17
TYPICAL
2 PLACES
AT A1 AND
A2 TERMINALS
16
23
22
30
25
TYPICAL
2 PLACES
TYPICAL
4 PLACES
TYPICAL
2 PLACES
12
8
TYPICAL
3 PLACES
11
1
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7
10
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2
4
6
13
31

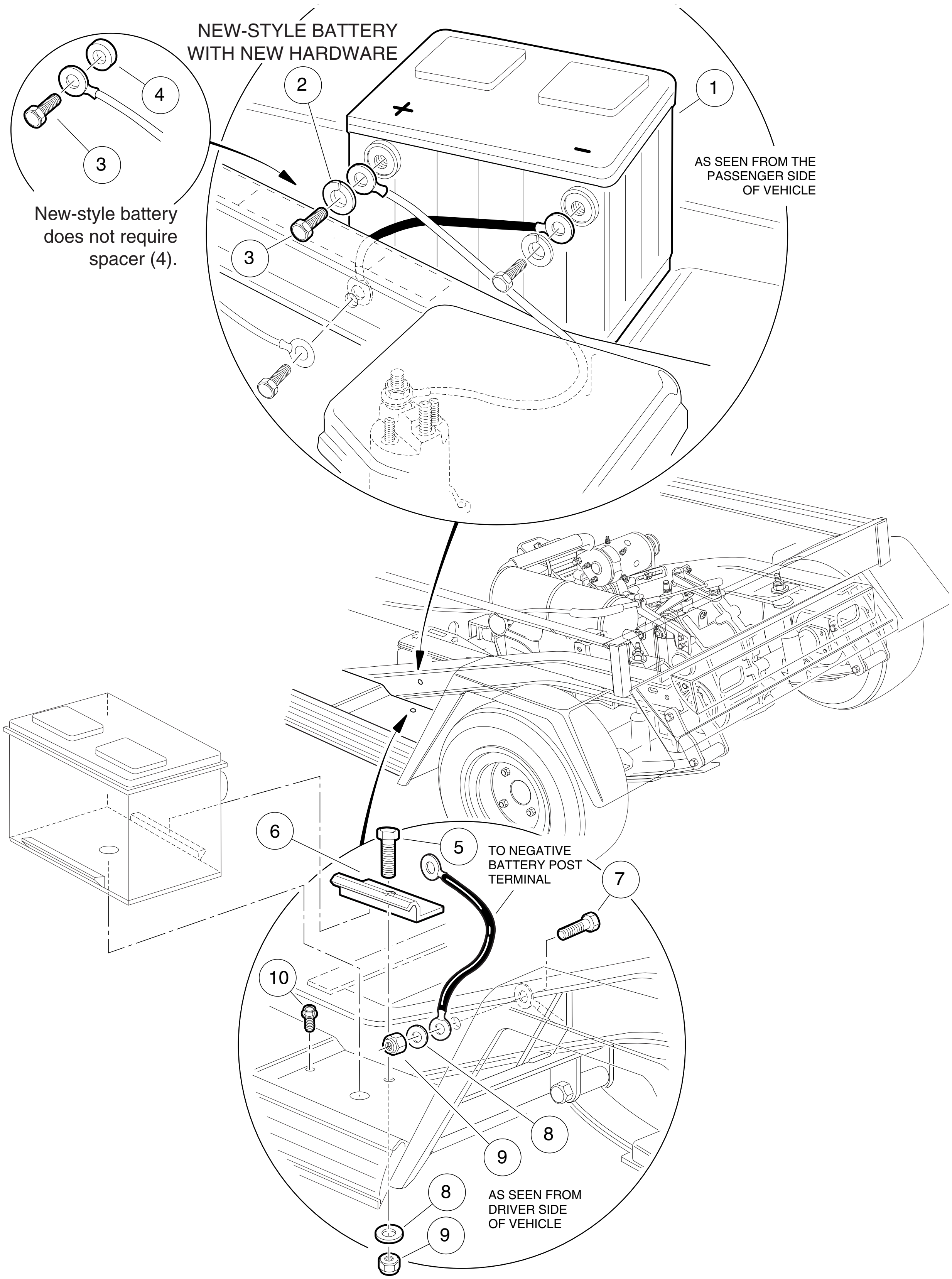
STARTER/GENERATOR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101833701	Starter/Generator (clockwise rotation) (includes items 1 - 30)	1
1	101875201	Housing, Field Coil	1
2	101875101	Assembly, Armature (includes items 3 - 6)	1
3	101875001	Retainer, Bearing	1
4	1013001	Ball Bearing, Output Shaft	1
5	1013005	Commutator, Ball Bearing	1
6	101939901	Spacer, 5/16	1
7	1013003	Key, Woodruff	1
8	101876501	Kit, Pulley Nut and Screw (includes items 9 - 12)	1
9	N/A	Washer, Lock, M14	1
10	N/A	Nut, Hex, M14 x 2	1
11	N/A	Screw, Cross-Recessed, M5 x .8 x 18 mm	3
12	101896501	Screw, Cross-Recessed, M5 x .8 x 16 mm (with lock washer)	2
13	101874901	End Bell, Output Shaft	1
14	101875301	Set, Pole (set of 4)	1
15	101875401	Screw, Pole Piece (set of 4)	1
16	101875501	Coil, Field	1
17	101875601	Insulator, F Terminal	2
18	101877601	Package, Terminal Hardware (F1 and F2)	2
19	101875701	Insulator, DF Terminal	1
20	101877701	Package, Terminal Hardware (DF)	1
21	101301102	Holder, Brush (includes item 22)	1
22	101878101	Spring, Brush	4
23	101876001	Package, Terminal Hardware (A1 and A2)	2
24	101876301	Cover, Brush Inspection Port (set of 4) (includes item 25)	1
25	1017653	Cover, Brush Inspection Port, with Drain	1
26	101876402	End Bell, Commutator	1
27	101879001	Bolt, Clamp, M6 x 1 x 180 mm	2
28	101869302	Package, Brush (includes 4 brushes, 4 screws, 4 washers)	1
29	101876202	Connector, Brush	2
30	101875802	A Connector (set of 2)	1
31	1014289	Pulley	1


15
16
CARRYALL 1 ONLY
SEAT BACK
AS VIEWED FROM
DRIVER SIDE
OF VEHICLE
CARRYALL 2,
XRT, 2 PLUS,
AND 6
17
A1
A2
F1
14
REFERENCE
STARTER/GENERATOR
ASSEMBLY
13
TYPICAL
2 PLACES
7
5
8
9
6
1
2
F2
DF
12
9
11
4
3
10
AS VIEWED FROM
PASSENGER SIDE OF VEHICLE

STARTER/GENERATOR MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101833701	Starter/Generator (clockwise rotation)	1
2	101524001	Bracket, Mounting, FE290 (Turf/Carryall 1 and 2)	1
2	101524002	Bracket, Mounting, FE350 (Turf/Carryall 2 XRT, 2 Plus, and 6)	1
3	101916701	Belt, Starter/Generator	1
4	1016883	Bracket, Adjusting	1
5	8754	Nut, Nylon Lock, 3/8-16	2
6	1015075	Washer, Flat, 5/16	1
7	705	Screw, Hex-Head Cap, 3/8-16 x 1-1/4	2
8	1012830	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm	2
9	7174	Washer, Lock, 5/16	3
10	1016074	Screw, Torx Head, M8 x 1.25 x 18 mm	1
11	1015932	Bolt, Carriage, 5/16-18 x 1	1
12	1242	Nut, Hex, 5/16-18	1
13	101837301	Wire Assembly, #6 Green	1
14	1015920	Wire Assembly, #6 Braided Ground (Turf/Carryall 1 only)	1
15	7473	Nut, Nylon Lock, 5/16-18 (Turf/Carryall 1 only)	1
16	1241	Washer, Flat, 5/16 (Turf/Carryall 1 only)	1
17	7173	Screw, Hex-Head Cap, 5/16-18 x 3/4 (Turf/Carryall 1 only)	1


NEW-STYLE BATTERY
WITH NEW HARDWARE
4
3
2
1
AS SEEN FROM THE
PASSENGER SIDE
OF VEHICLE
New-style battery
does not require
spacer (4).
3
6
5
TO NEGATIVE
BATTERY POST
TERMINAL
7
10
8
9
8
AS SEEN FROM
DRIVER SIDE
OF VEHICLE
9

BATTERY – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012328	Battery, 12-Volt	1
2	102355301	Washer, Lock, Stainless Steel, 3/8*	2
3	1014375	Screw, Hex-Head Cap, Stainless Steel, 3/8-16 x 1/2	2
4	1014374	Spacer, Battery Terminal Bolt*	2
5	1010934	Screw, Hex-Head Cap, 5/16-18 x 1	1
6	101898001	Clamp, Battery	1
7	7173	Screw, Hex Cap, 5/16-18 x 3/4	1
8	1241	Washer, Flat, 5/16	2
9	7473	Nut, Nylon Lock, 5/16-18	2
10	1014288	Screw, Thread-Forming, 5/16-16 x 3/4	1

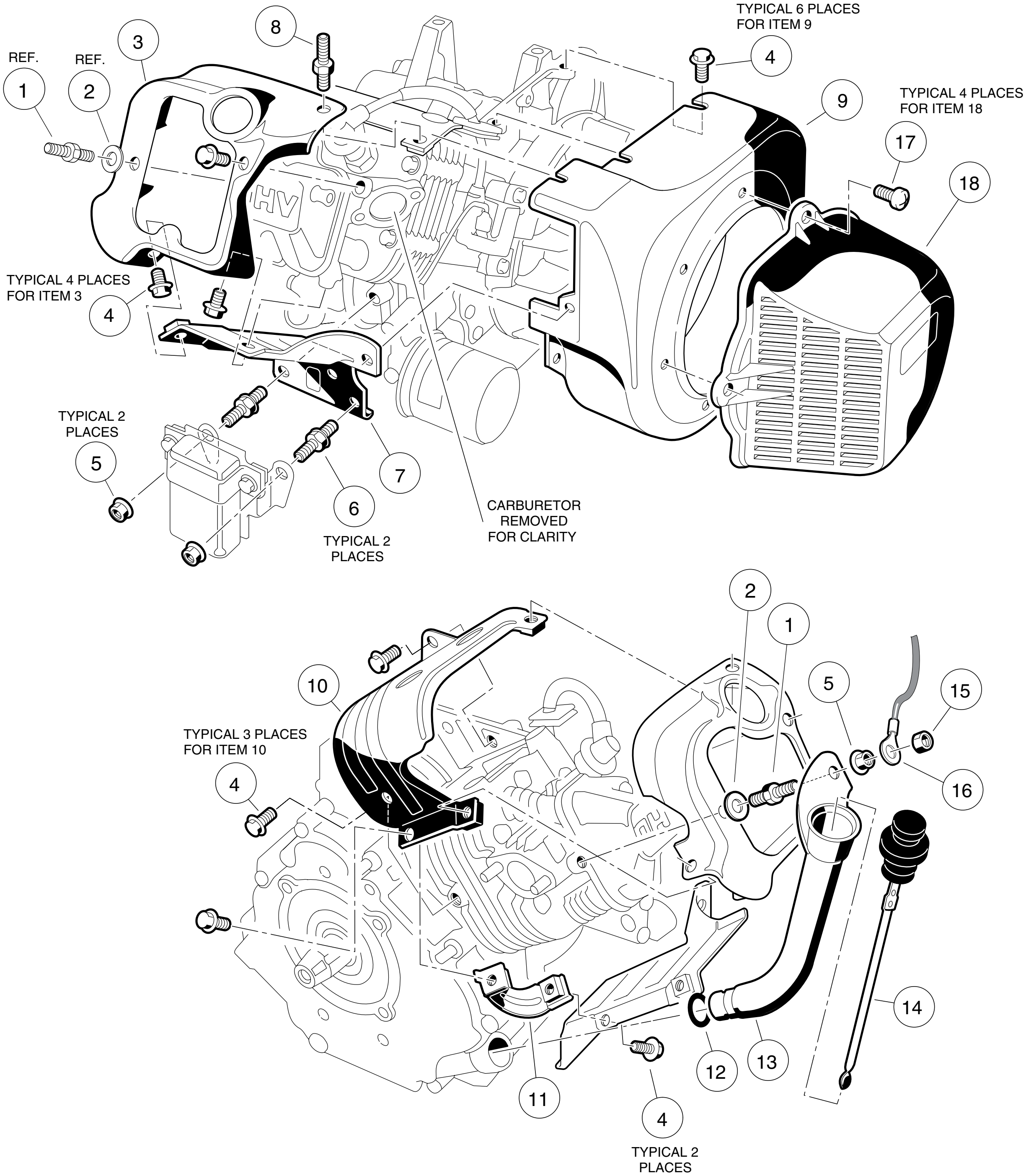
*NOTE: When ordering a new battery, you must order the new stainless steel lockwasher (2). Lockwasher cannot be used if battery terminal spacer (4) is required by battery design.

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G

7
G

FE290 ENGINE

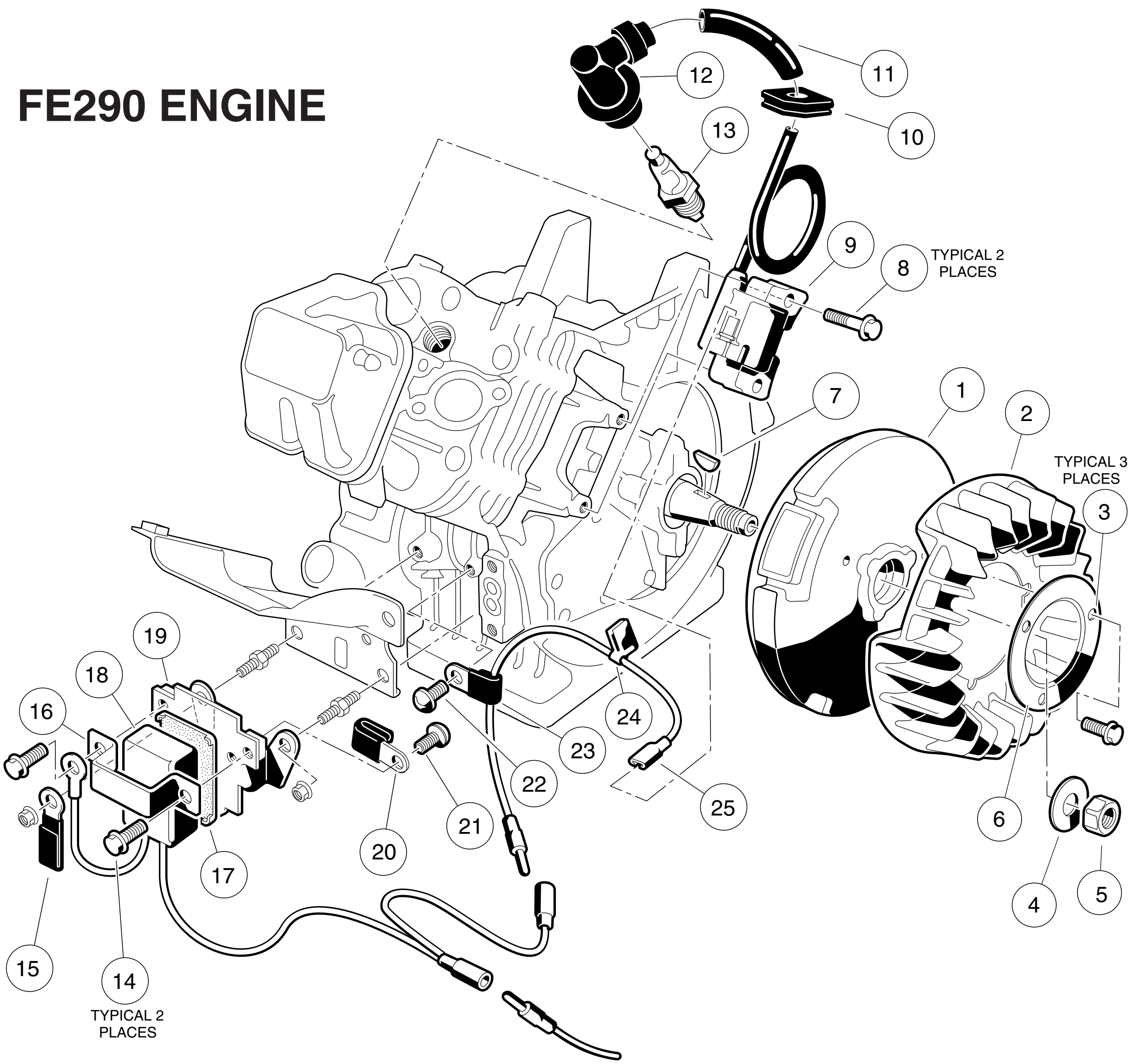


FE290 ENGINE – SHROUDS AND BRACKETS

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101953901	FE290 OHV Gasoline Engine (clockwise rotation) Without Automatic Compression Release (w/o ACR) with Carburetor (does not include items 15 - 18)	1
1	1016507	Bolt, 2-Ended, M6 x 1 x 29 mm	1
2	1016512	Washer, Flat, 6 mm	1
3	1016524	Shroud, Engine, FE290	1
4	1016456	Bolt, Flanged, M6 x 1 x 12 mm	15
5	1016547	Nut, Flange, M6 x 1	3
6	101909701	Bolt, 2-Ended, M6 x 1 x 27 mm	2
7	1016526	Shroud, Engine, FE290 (lower)	1
8	1017221	Bolt, 2-Ended, M6 x 1 x 46 mm	1
9	101915601	Housing, Fan	1
10	1016525	Shroud, Engine, FE290 (upper)	1
11	1016443	Bracket	1
12	1016539	O-Ring	1
13	1016536	Tube, Oil Filler, FE290	1
14	1016531	Dipstick	1
15	101887601	Nut, Nylon Lock, M6 x1	1
16	1015332	Wire Assembly, #10 Braided Ground	1
17	1015969	Screw, Pan-Head, M6 x 1 x 14 mm	4
18	1015649	Shroud, Fan	1

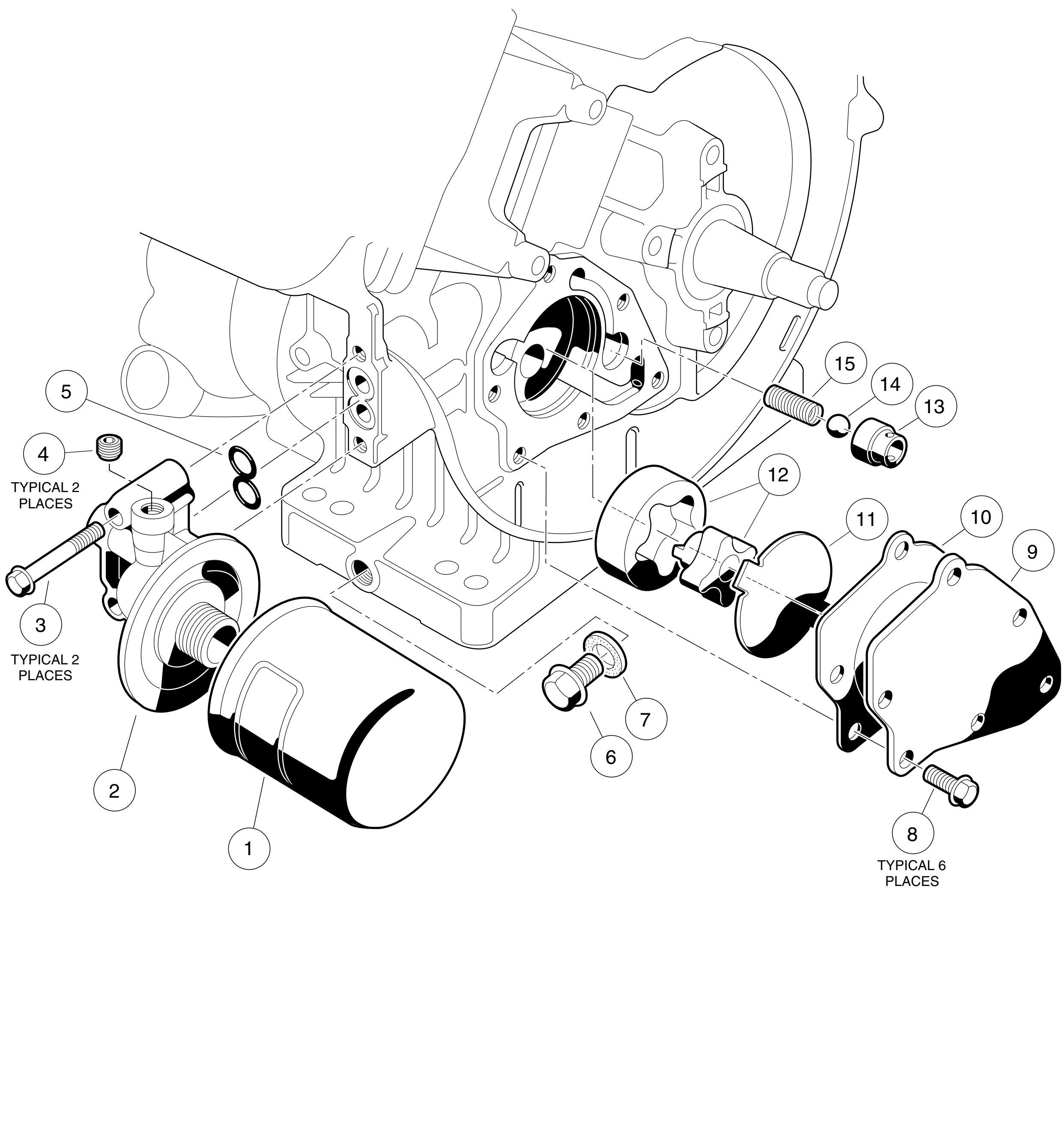
FE290 ENGINE



FE290 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101915701	Flywheel	1
2	101915801	Fan, Flywheel, Gray	1
3	1017448	Screw, Flanged Hex-Head, M6 x 1 x 10 mm	3
4	1016548	Washer, Flat, 16 mm	1
5	1016505	Nut, Hex, M16 x 1.5	1
6	1017455	Plate, Flywheel Fan	1
7	1016562	Key	1
8	1016455	Bolt, Flanged, M5 x .8 x 25 mm	2
9	101909201	Coil, Ignition (with internal igniter)	1
10	1016578	Grommet	1
11	1016588	Tube, 7 mm x 70 mm	1
12	1016493	Assembly, Plug Cap	1
13	101881101	Plug, Spark, OHV	1
14	1016456	Bolt, Flanged, M6 x 1 x 12 mm	2
15	1012981	Clamp	1
16	1016579	Band, RPM Limiter Mount	1
17	1016586	Damper, RPM Limiter	1
18	101909401	Limiter, RPM, OHV	1
19	1016445	Bracket, RPM Limiter	1
20	101909501	Clamp	1
21	1016497	Screw, Cross Pan-Head, M5 x .8 x 8 mm	1
22	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x .8 x 12 mm	1
23	1016561	Clamp	1
24	1016587	Clamp	1
25	101909301	Wire, Lead	1

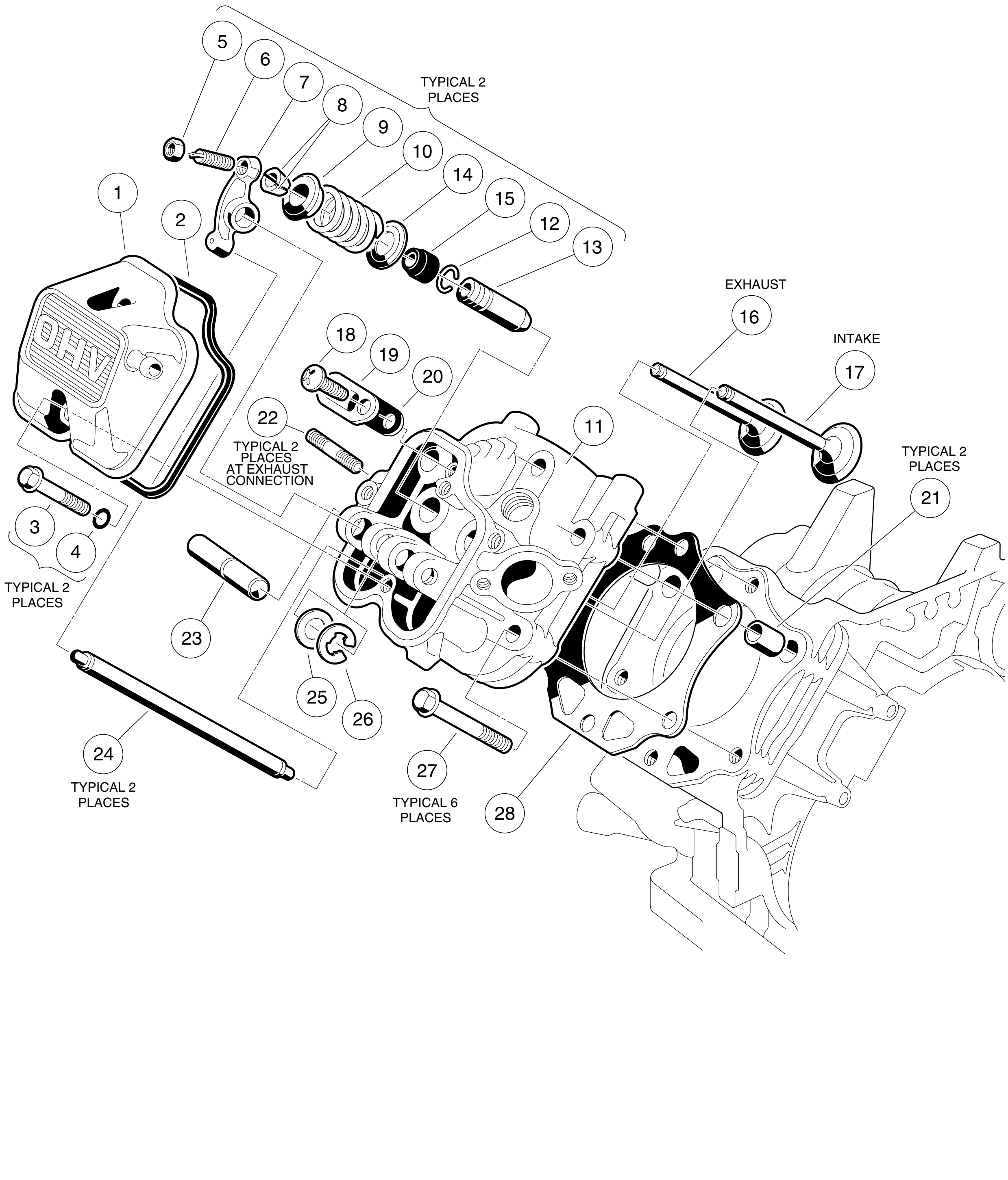
FE290 ENGINE



FE290 ENGINE – OIL CIRCULATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016467	Oil Filter	1
2	1016502	Bracket, Oil Filter	1
3	1016457	Bolt, Flanged Hex-Head, M6 x 1 x 40 mm	2
4	1017507	Plug	2
5	1016570	O-Ring, Oil Filter Mount	1
6	1016576	Plug, Drain, FE290	1
7	1016432	Gasket, Drain Plug	1
8	1017456	Screw, Flanged Hex-Head, M6 x 1 x 12 mm	6
9	1016484	Cover, Pump	1
10	1016435	Gasket, Oil Pump	1
11	1016473	Plate, Oil Pump	1
12	101648203	Pump, Oil, and Rotor	1
13	1016429	Seat, Valve	1
14	1016537	Ball, Steel, Pressure Relief	1
15	1016581	Spring	1

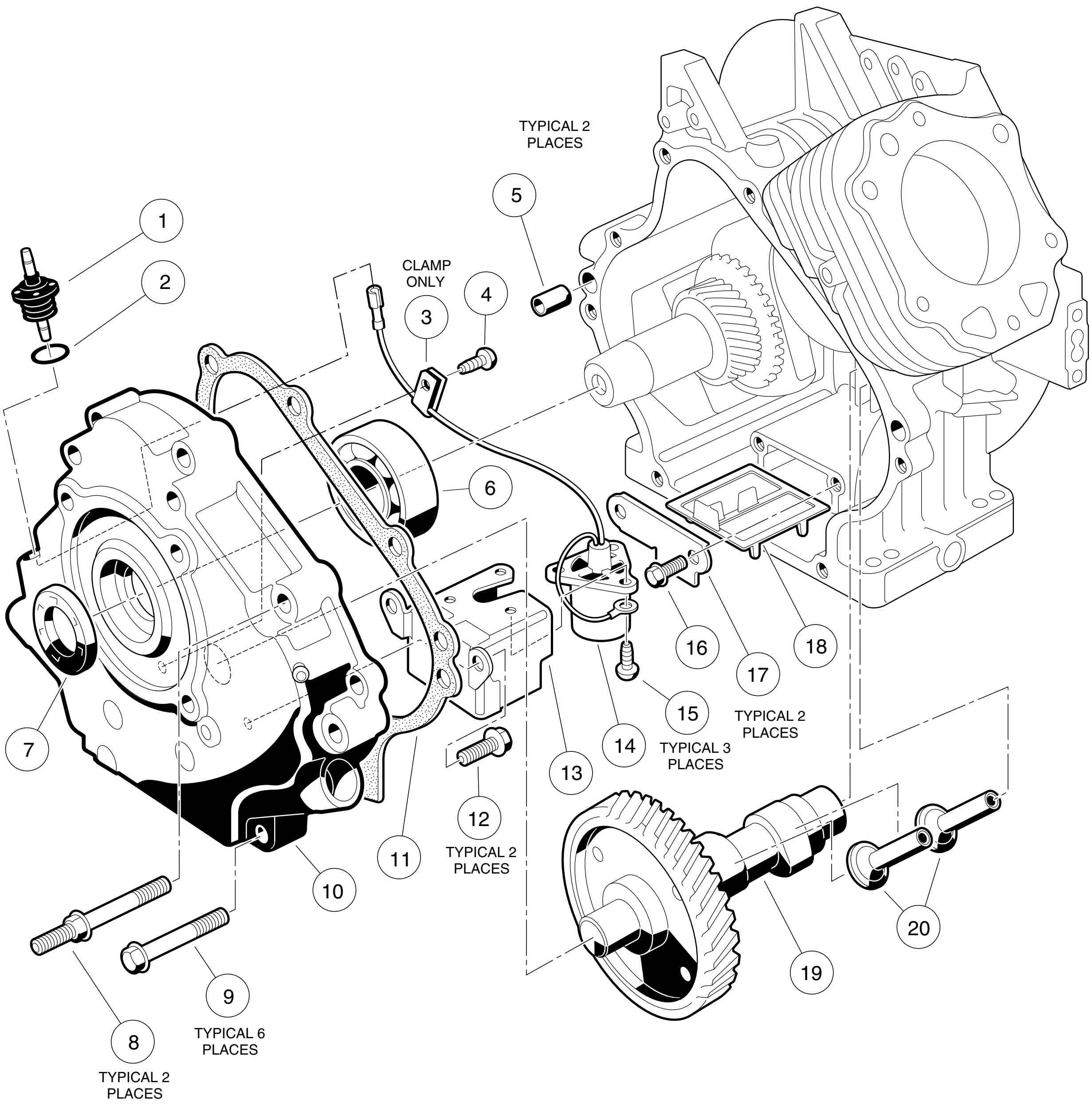
FE290 ENGINE



FE290 ENGINE – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016442	Case, Rocker	1
2	1016436	Gasket, Rocker Case	1
3	1016583	Bolt, Flanged, M6 x 1 x 35 mm	2
4	1016569	O-Ring	2
5	1016545	Nut, Hex, M5 x .8	2
6	1016542	Screw, Stud, M5 x .8	2
7	1016451	Arm, Rocker	2
8	1016450	Collet	4
9	1016449	Retainer, Valve Spring	2
10	1016523	Spring, Engine Valve	2
11	1016431	Assembly, Cylinder Head, OHV (includes items 12 and 13)	1
12	1016560	Ring, Snap	2
13	1016519	Guide, Valve	2
14	1016479	Seat, Spring	2
15	1016566	Seal, Valve	2
16	1016448	Valve, Exhaust	1
17	1016447	Valve, Intake	1
18	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x .8 x 12 mm	1
19	1016474	Plate	1
20	1016483	Valve	1
21	1016563	Pin	2
22	1016489	Bolt, Stud, M8 x 1.25 x 29 mm	2
23	1016452	Shaft, Rocker	1
24	1016471	Rod, Push	2
25	1016549	Washer, Flat, M12	1
26	1016517	Circlip, Type E	1
27	1016458	Bolt, Flanged, M8 x 1.25 x 45 mm	6
28	1016430	Gasket, Head	1
29	102304701	Kit, Gasket, FE290 (not shown) (contains one each of all internal gaskets for the FE290 engine)	1

FE290 ENGINE

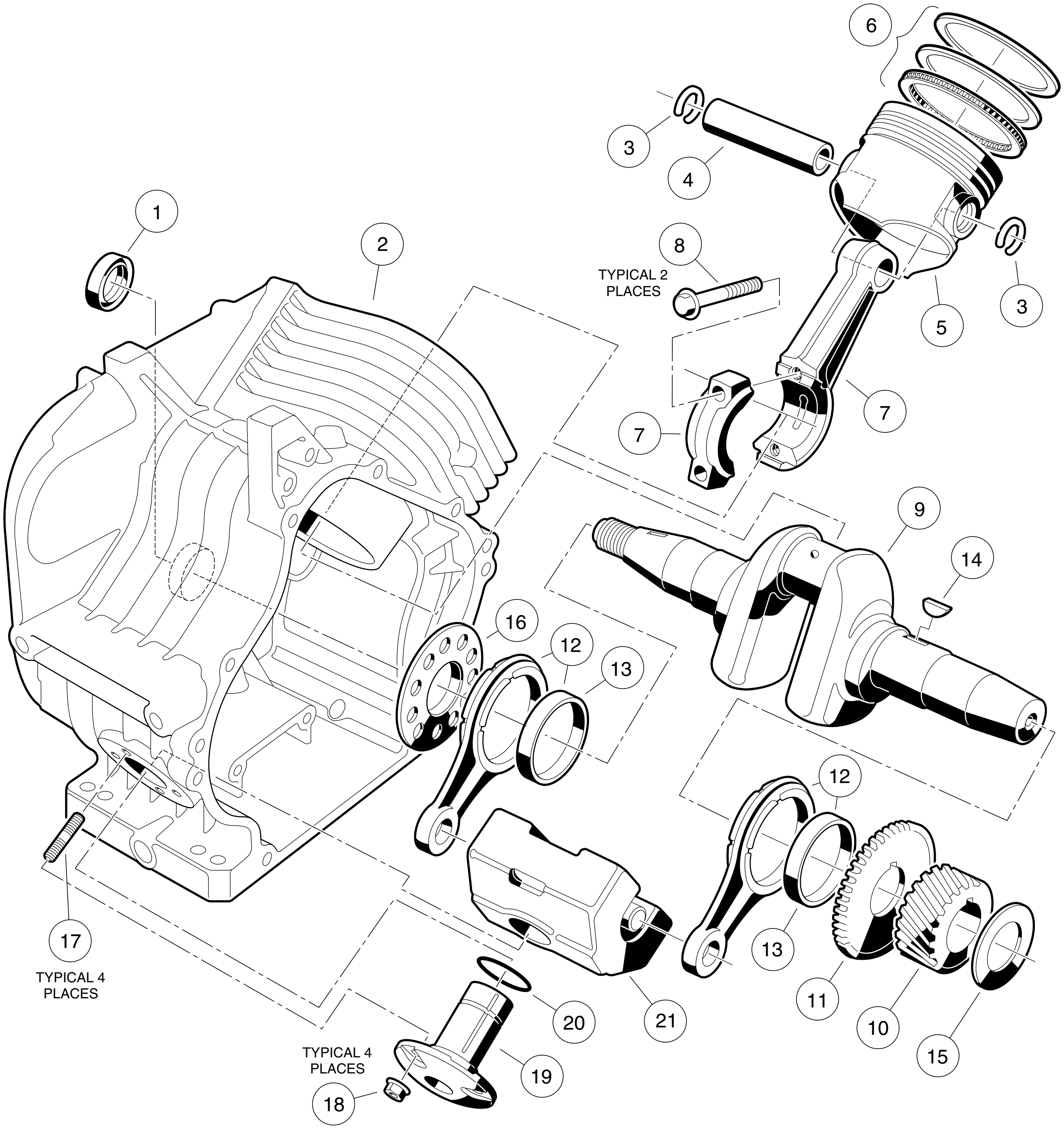


FE290 ENGINE – CRANKCASE, CAMSHAFT AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016535	Connector, Oil Level Sensor	1
2	1016538	O-Ring	1
3	1016506	Clamp	1
4	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x .8 x 12 mm	1
5	1016564	Pin	2
6	1016565	Bearing, Ball	1
7	1016567	Seal, Crankshaft	1
8	1016584	Bolt, 2-Ended, M8 x 1.25 x 69 mm	2
9	1016458	Bolt, Flanged, M8 x 1.25 x 45 mm	6
10	1016520	Cover, Crankcase	1
11	1016446	Gasket, Crankcase Cover	1
12	1016456	Bolt, Flanged, M6 x 1 x 12 mm	2
13	1016510	Bracket, Oil Level Switch	1
14	1016494	Sensor, Oil Level	1
15	1016496	Screw, Cross Pan-Head, M4 x .7 x 8 mm	3
16	1016454	Bolt, Flanged, M5 x .8 x 8 mm	2
17	1016472	Plate, Oil Filter Screen	1
18	1016521	Screen, Oil Filter	1
19	101915401	Camshaft, Complete	1
20	1016453	Tappet	2

7
G

FE290 ENGINE

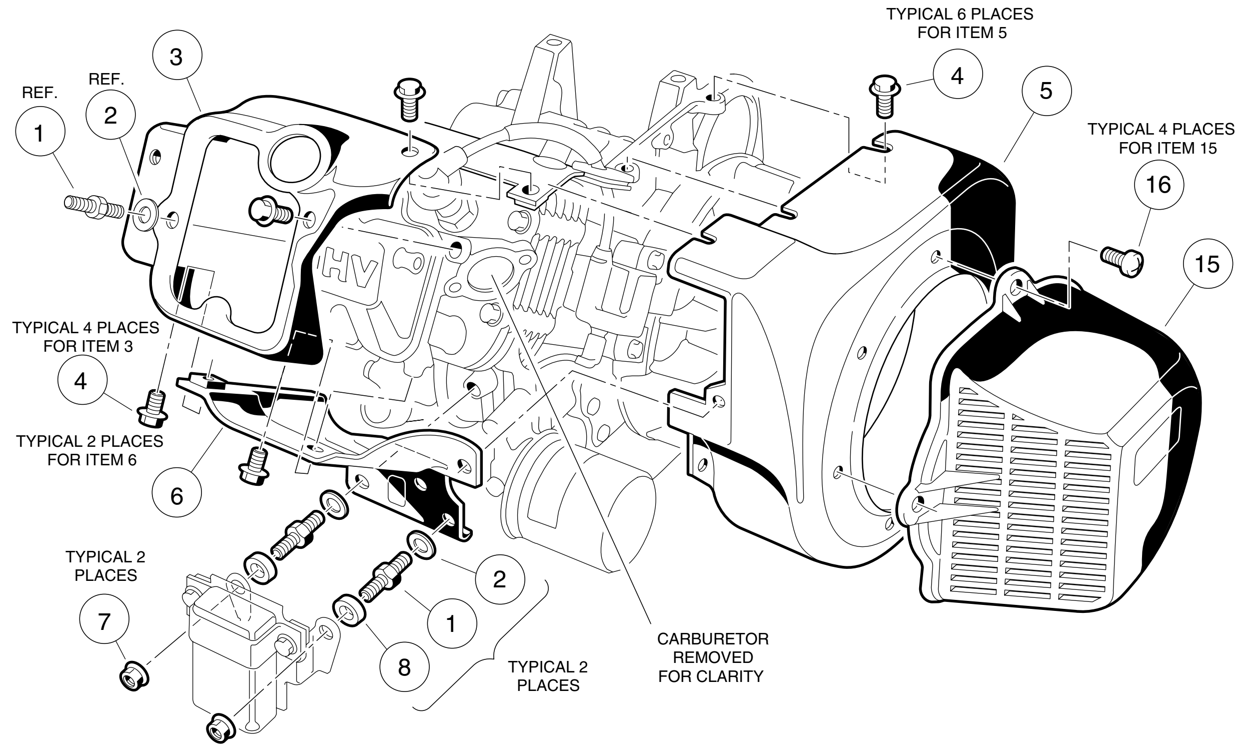


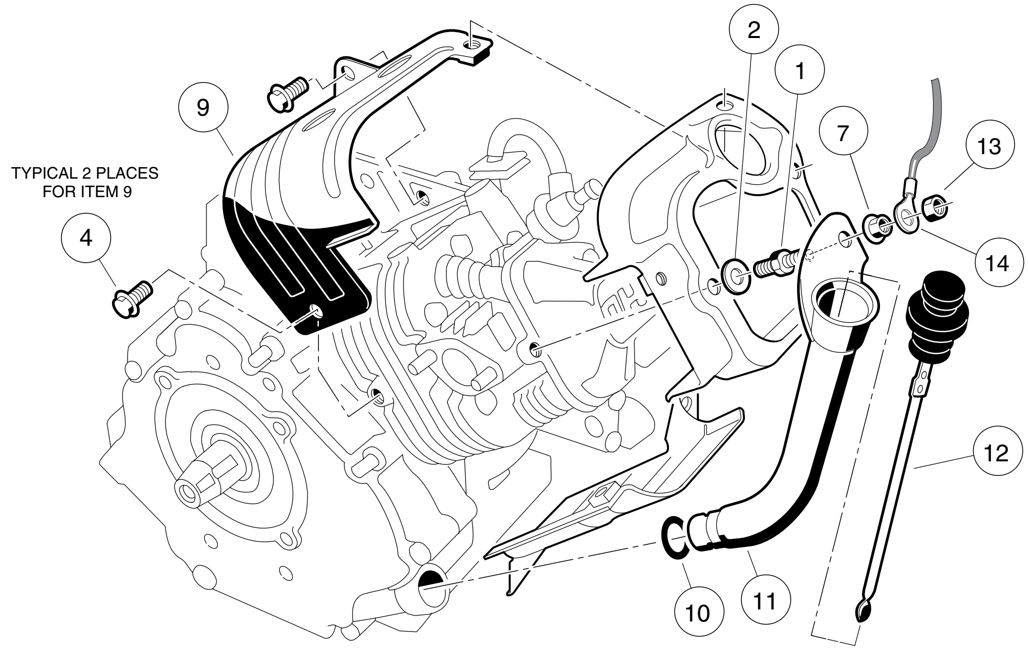
FE290 ENGINE – CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016568	Seal, Oil	1
2	101915501	Crankcase, OHV	1
3	1016558	Ring, Snap	2
4	1016460	Pin, Piston	1
5	101645901	Piston, Standard	1
5	101645902	Piston, .25 mm Oversized	1
5	101645903	Piston, .50 mm Oversized	1
6	101646101	Ring Set, Piston, Standard	1
6	101646102	Ring Set, Piston, .25 mm Oversized	1
6	101646103	Ring Set, Piston, .50 mm Oversized	1
7	101647501	Assembly, Connecting Rod, Standard (includes 2 each of item 8)	1
7	101647502	Assembly, Connecting Rod, .50 mm Undersized (includes 2 each of item 8)	1
8	1016509	Screw, Hex-Head, M7 x 1 x 36 mm	2
9	101922301	Crankshaft, FE290 (left-hand thread) (includes items 10, 11 and one each of item 12)	1
10	1016533	Gear, Helical	1
11	1016532	Gear, Spur	1
12	1016516	Assembly, Rod (includes one each of item 13)	2
13	1016580	Bearing, Plain	2
14	1016562	Key	1
15	101655001	Shim, Crankshaft, 1.13 mm Thick	A/R
15	101655002	Shim, Crankshaft, 1.18 mm Thick	A/R
15	101655003	Shim, Crankshaft, 1.23 mm Thick	A/R
15	101655004	Shim, Crankshaft, 1.28 mm Thick	A/R
15	101655005	Shim, Crankshaft, 1.33 mm Thick	A/R
15	101655006	Shim, Crankshaft, 1.38 mm Thick	A/R
15	101655007	Shim, Crankshaft, 1.43 mm Thick	A/R
15	101655008	Shim, Crankshaft, 1.48 mm Thick	A/R
15	101655009	Shim, Crankshaft, 1.53 mm Thick	A/R
16	1016559	Spacer	1
17	1016541	Stud, M6 x 1 x 22 mm	4
18	1016547	Nut, Flanged, M6 x 1	4
19	1016470	Shaft, Counterbalance Guide	1
20	1016571	O-Ring	1
21	1016469	Weight, Counterbalance	1

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FE350 ENGINE

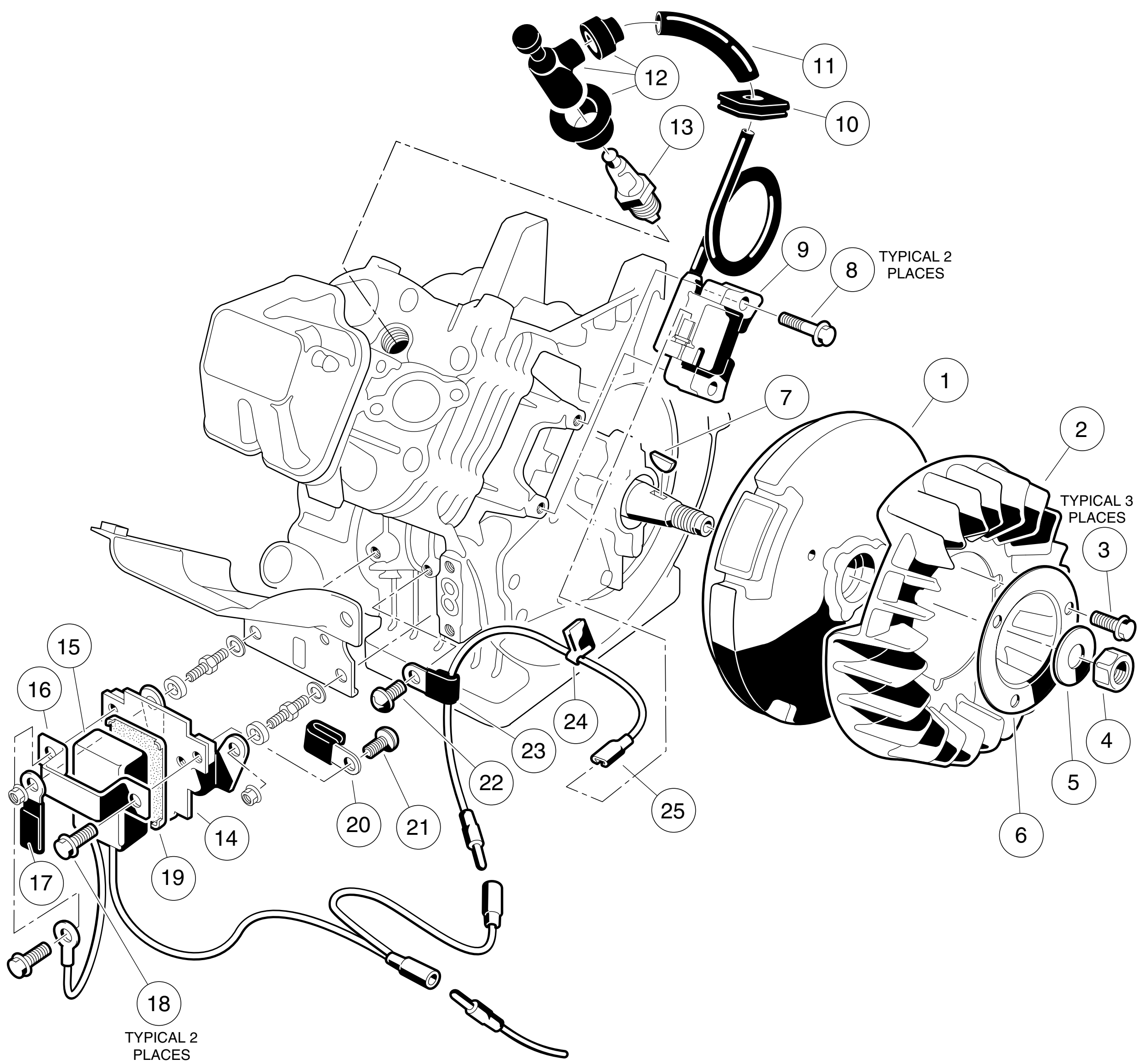




FE350 ENGINE – SHROUDS AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101953801	FE350 OHV Gasoline Engine, (clockwise rotation) with Automatic Compression Release (ACR) and with Carburetor (key-start vehicles) (does not include items 13 - 16)	1
	101953802	FE350 OHV Gasoline Engine, Complete (clockwise rotation) without Automatic Compression Release (w/o ACR) and with Carburetor (pedal-start vehicles) (does not include items 13 - 16)	1
1	1016507	Bolt, 2-Ended, M6 x 1 x 29 mm	3
2	N/A	Washer, Flat, 6 mm	3
3	1017474	Shroud, Cylinder Head	1
4	1016456	Bolt, Flanged, M6 x 1 x 12 mm	14
5	101916101	Housing, Fan	1
6	1017476	Shroud, Lower Cylinder	1
7	1016547	Nut, Flange, M6 x 1	3
8	1017500	Spacer	2
9	1017475	Shroud, Upper Cylinder	1
10	1016539	O-Ring	1
11	1017486	Tube, Oil Filler	1
12	1016531	Dipstick	1
13	101887601	Nut, Nylon Lock, M6 x 1	1
14	1015332	Wire Assembly, #10 Braided	1
15	1015649	Shroud, Fan	1
16	1015969	Screw, Pan-Head, M6 x 1 x 14 mm	4

FE350 ENGINE

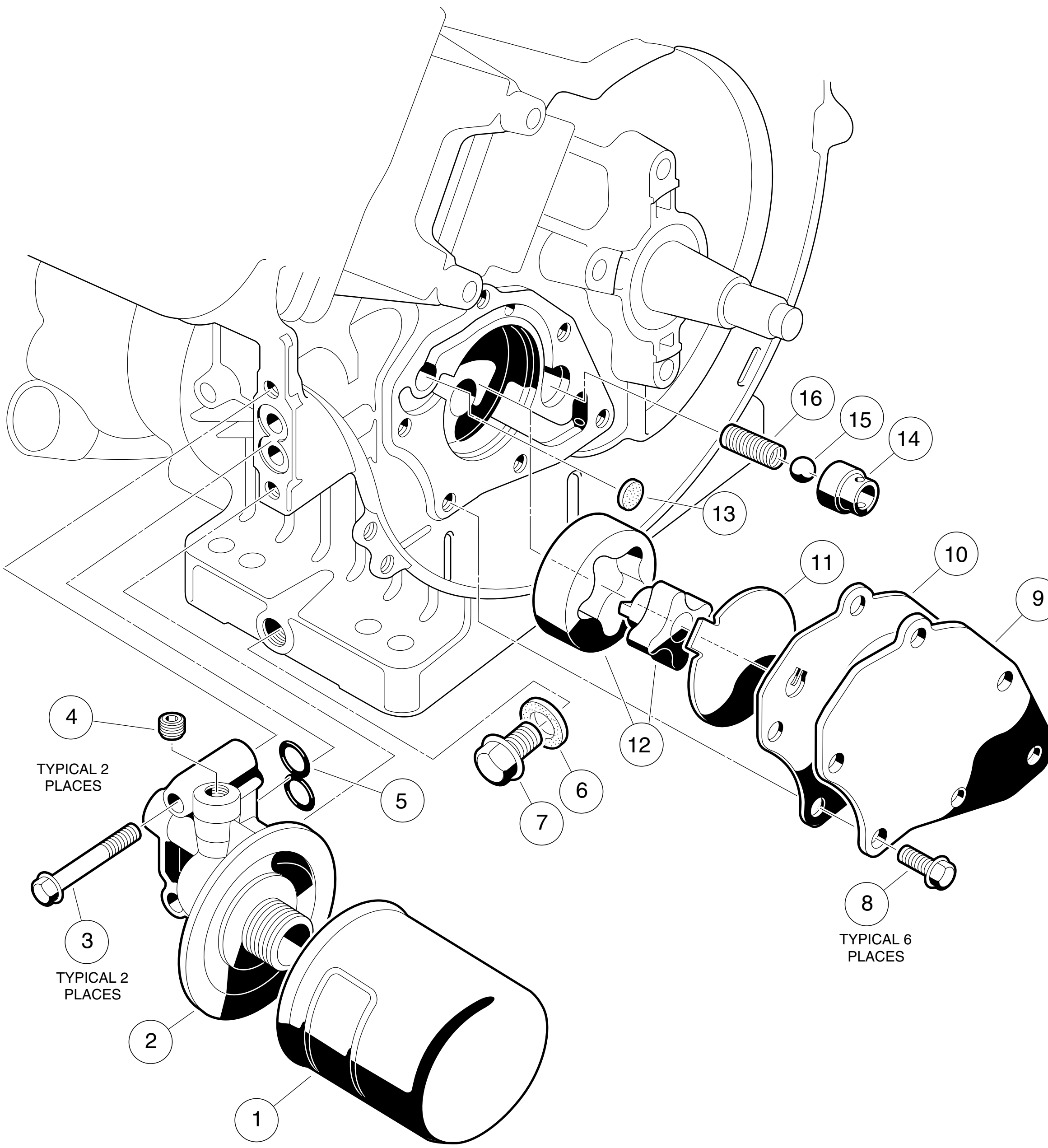


FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101916201	Flywheel	1
2	101916301	Fan, Flywheel – Gray	1
3	1017448	Screw, Flanged Hex-Head, M6 x 1 x 10 mm	3
4	N/A	Nut, Hex, 18 mm Fine	1
5	1017490	Washer, Flat, 18 mm	1
6	1017455	Plate, Flywheel Fan	1
7	1016562	Key	1
8	1016455	Screw, Hex-Head Flanged, M5 x 0.8 x 25 mm	2
9	101909201	Coil, Ignition (with internal igniter)	1
10	1016578	Grommet	1
11	1016588	Tube, 7 mm I.D. x 10 mm O.D. x 70 mm Long	1
12	1017463	Assembly, Plug Cap	1
13	101881101	Plug, Spark, OHV (Autolite)	1
13	AM10724	Plug, Spark, OHV (NGK)	1
14	1016445	Bracket, RPM Limiter	1
15	101909401	Limiter, RPM	1
16	1016579	Band, RPM Limiter Mount	1
17	1012981	Clamp	1
18	1016456	Screw, Flanged Hex-Head, M6 x 1 x 12 mm	2
19	1016586	Damper, RPM Limiter	1
20	101909501	Clamp	1
21	1016497	Screw, Cross Pan-Head, M5 x .8 x 8 mm	1
22	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x 12 mm	1
23	1016561	Clamp	1
24	1016587	Clamp	1
25	101909301	Wire, Lead	1

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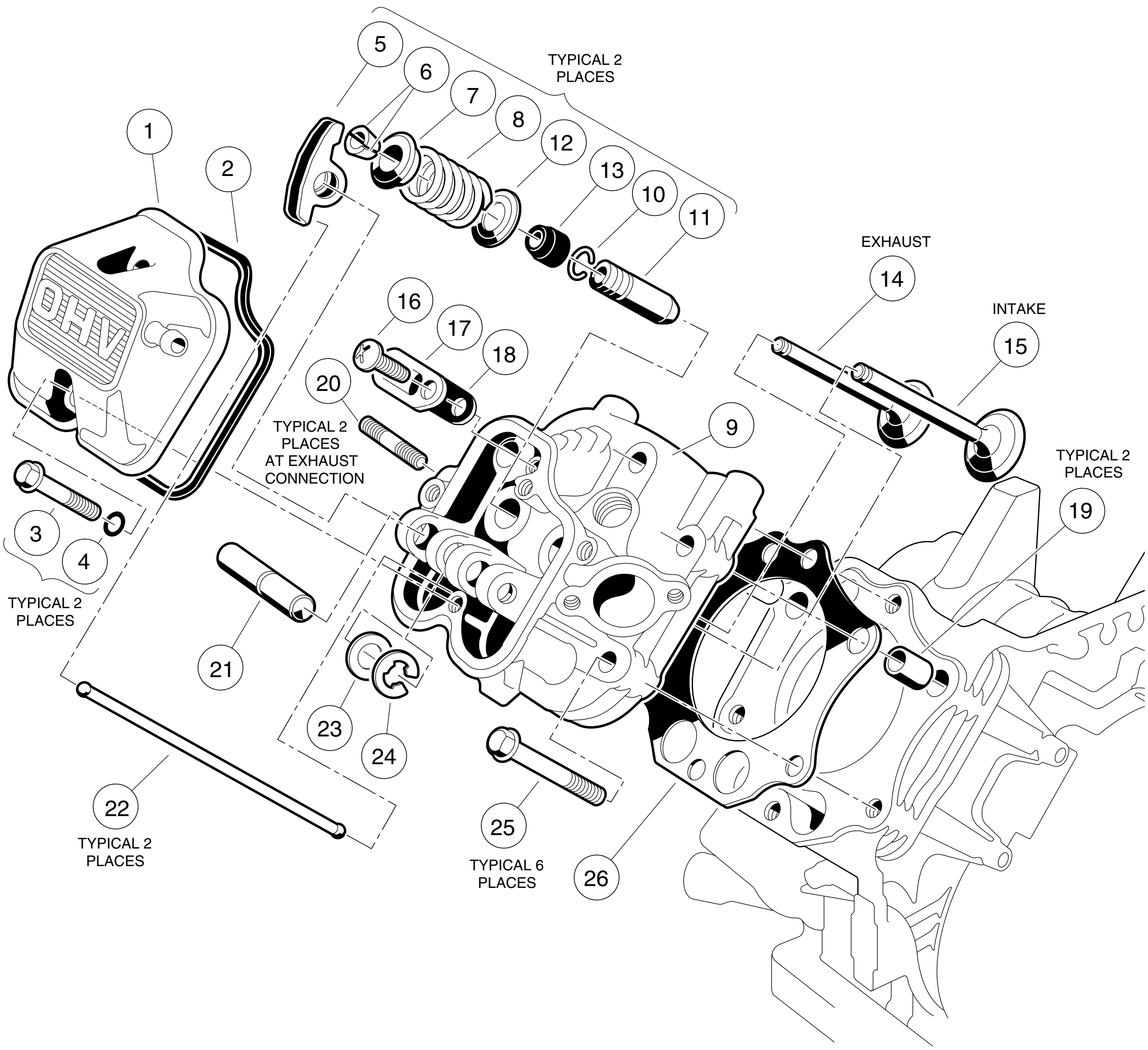
FE350 ENGINE



FE350 ENGINE – OIL CIRCULATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016467	Oil Filter	1
2	1016502	Bracket, Oil Filter	1
3	1016457	Bolt, Flanged Hex-Head, M6 x 1 x 40 mm	2
4	1017507	Plug	2
5	1016570	O-Ring	1
6	1016432	Gasket, Drain Plug	1
7	1016576	Plug, Drain	1
8	1017456	Screw, Flanged Hex-Head, M6 x 1 x 12 mm	6
9	1017460	Cover, Pump	1
10	1017442	Gasket, Oil Pump	1
11	1016473	Plate, Oil Pump	1
12	101648203	Pump, Oil, and Rotor	1
13	1017458	Filter	1
14	1016429	Seat, Valve	1
15	1016537	Ball, Steel, Pressure Relief	1
16	1016581	Spring	1

FE350 ENGINE

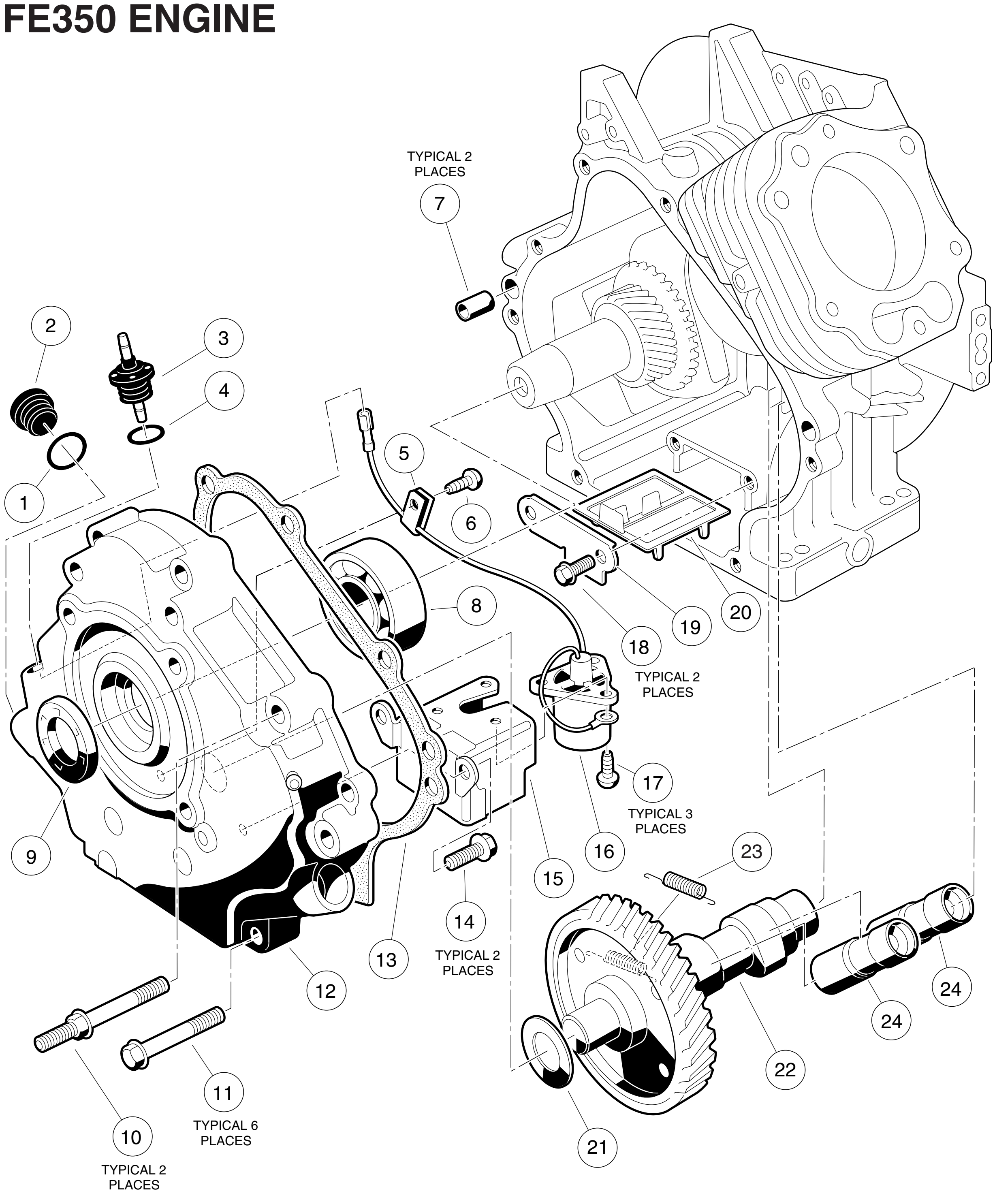


FE350 ENGINE – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016442	Case, Rocker	1
2	1016436	Gasket, Rocker Case	1
3	1016583	Bolt, Flanged, M6 x 1 x 35 mm	2
4	1016569	O-Ring	2
5	1017446	Arm, Rocker	2
6	1016450	Collet	4
7	1016449	Retainer, Valve Spring	2
8	1017473	Spring, Engine Valve	2
9	1017435	Assembly, Cylinder Head, FE350 (includes items 10 and 11)	1
10	1016560	Ring, Snap	2
11	1016519	Guide, Intake Valve	1
11	1016518	Guide, Exhaust Valve	1
12	1016479	Seat, Spring	2
13	1016566	Seal, Valve	2
14	1017445	Valve, Exhaust	1
15	1017444	Valve, Intake	1
16	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x .8 x 12 mm	1
17	1016474	Plate	1
18	1016483	Valve	1
19	1016563	Pin	2
20	1016489	Bolt, Stud, M8 x 1.25 x 29 mm	2
21	1016452	Shaft, Rocker	1
22	1017454	Rod, Push	2
23	1016549	Washer, Flat, M12	1
24	1016517	Circlip, Type-E	1
25	1016458	Bolt, Flanged, M8 x 1.25 x 45 mm	6
26	1017434	Gasket, Head	1
27	102304801	Kit, Gasket, FE350 (not shown) (contains one each of all internal gaskets for the FE350 engine)	1

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FE350 ENGINE



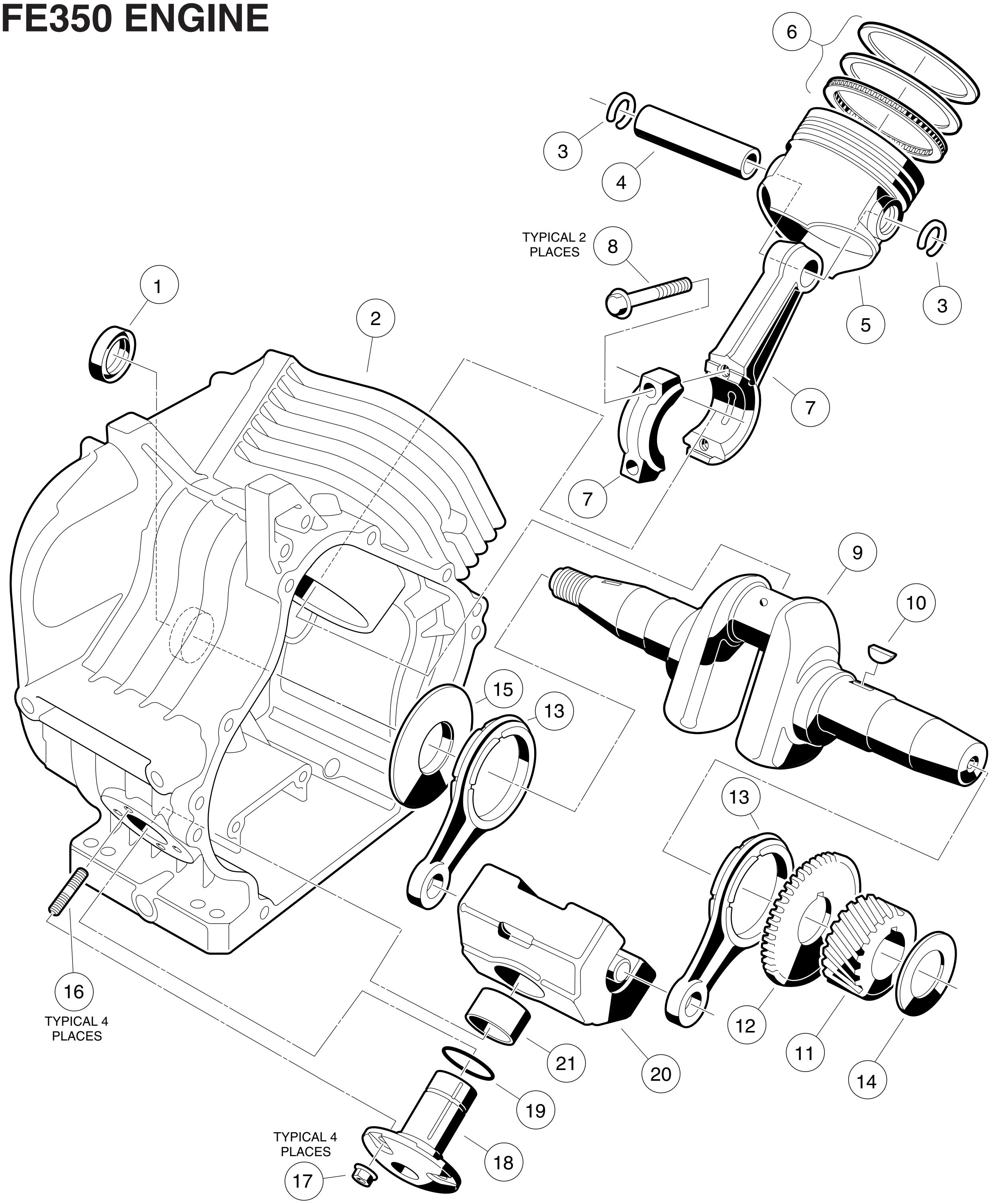
FE350 ENGINE – CRANKCASE, CAMSHAFT AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016538	O-Ring	1
2	1017508	Plug	1
3	1016535	Connector, Oil Level Sensor	1
4	1016538	O-Ring	1
5	1016506	Clamp	1
6	1016544	Screw, Cross Pan-Head Self-Tapping, M5 x .8 x 12 mm	1
7	1016564	Pin	2
8	1017487	Bearing, Crankshaft	1
9	1017504	Seal, Crankshaft	1
10	1016584	Bolt, 2-Ended Flanged, M8 x 1.25 x 69 mm	2
11	1017514	Bolt, Flanged, M8 x 1.25 x 45 mm	6
12	1017472	Cover, Crankcase	1
13	1017443	Gasket, Crankcase Cover	1
14	1017513	Bolt, Flanged, M6 x 1 x 12 mm	2
15	1016510	Bracket, Oil Level Switch	1
16	1016494	Sensor, Oil Level	1
17	1016496	Screw, Cross Pan-Head, M4 x .7 x 8 mm	3
18	1016454	Bolt, Flanged, M5 x .8 x 8 mm	2
19	1016472	Plate, Oil Filter Screen	1
20	1016521	Screen, Oil Filter	1
21	101751801	Shim, 0.3 mm Thick	A/R
21	101751802	Shim, 0.4 mm Thick	A/R
21	101751803	Shim, 0.5 mm Thick	A/R
22	101947601	Camshaft (without automatic compression release) (for engines with serial numbers lower than 094171) (pedal-start vehicles)	1
22	102431001	Camshaft, FE350 (without automatic compression release) (for engines with serial numbers 094171 and greater) (pedal-start vehicles)	1
22	101915901	Camshaft (with automatic compression release) (for engines with serial numbers lower than 094171) (key-start vehicles) (includes item 23)	1
22	102271601	Camshaft (with automatic compression release) (for engines with serial numbers 094171 and greater) (key-start vehicles) (includes item 23)	1
23	1017511	Spring	1
24	1017447	Lifter, Hydraulic	2

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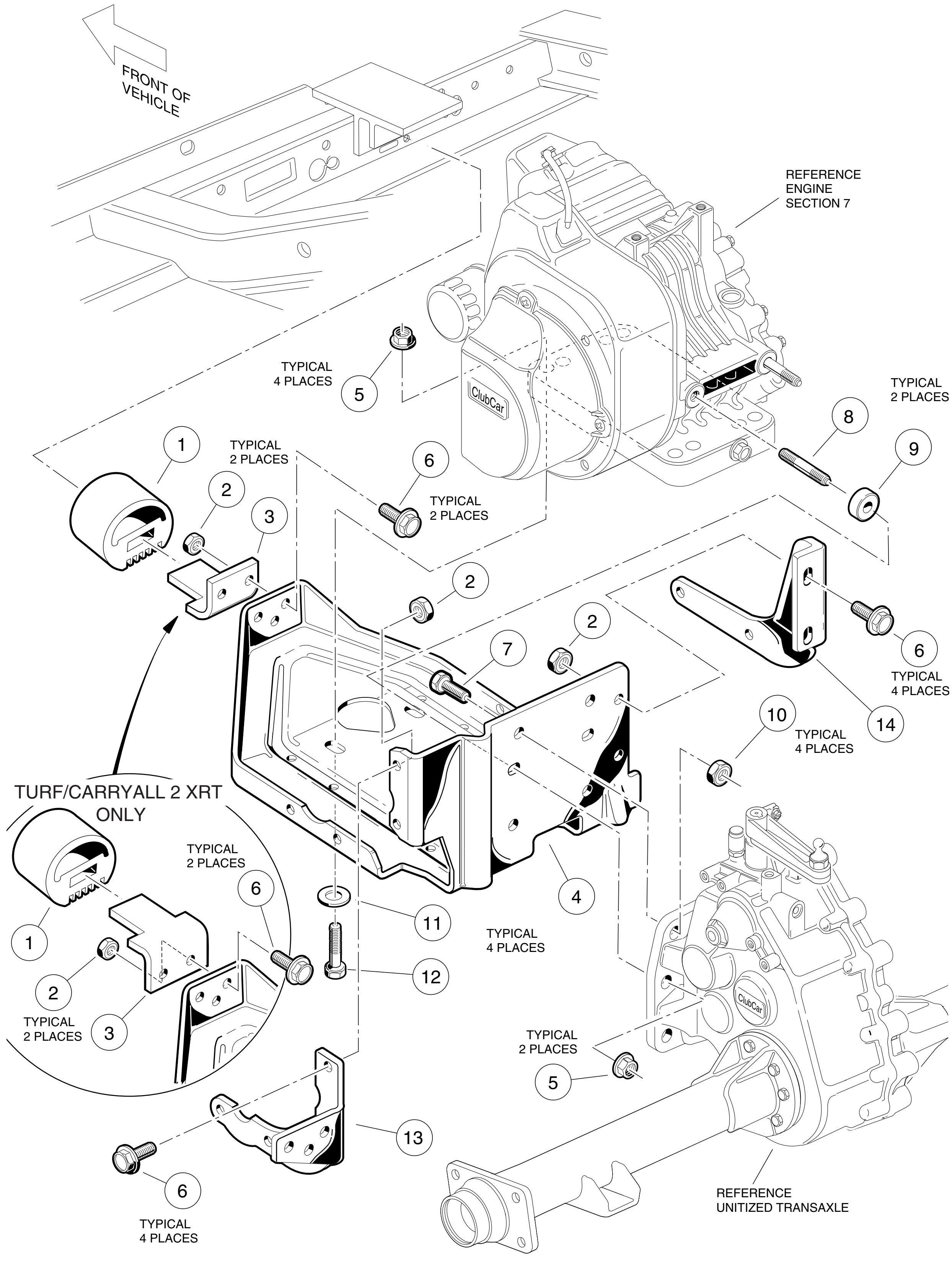
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FE350 ENGINE



FE350 ENGINE – CRANKCASE AND CRANKSHAFT

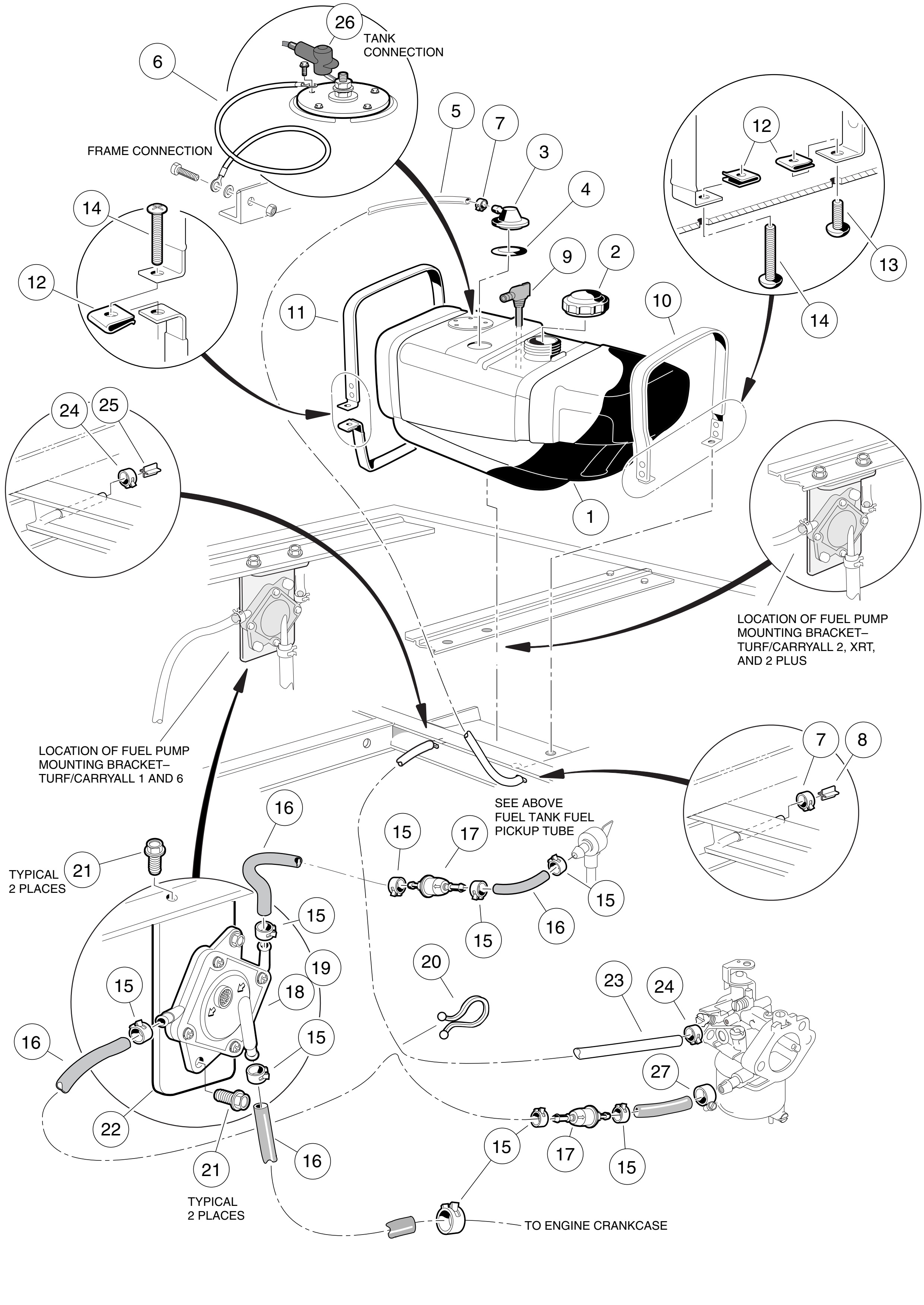
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1017503	Seal, Oil	1
2	101916001	Crankcase, FE350 (clockwise rotation)	1
3	1017502	Ring, Snap	2
4	1017450	Pin, Piston	1
5	101744901	Piston, Standard	1
5	101744902	Piston, .50 mm Oversized	1
6	101745101	Ring Set, Piston, Standard	1
6	101745102	Ring Set, Piston, .50 mm Oversized	1
7	101745701	Assembly, Connecting Rod, Standard (includes 2 each of item 8)	1
7	101745702	Assembly, Connecting Rod, .50 mm Undersized (Includes 2 each of Item 8)	1
8	1017512	Screw, Hex-Head, M7 x 1 x 36 mm	2
9	101922302	Crankshaft, FE350 (left-hand threads) (for engines with serial numbers lower than 094171) (includes items 10 - 12 and one each of item 13)	1
9	102430901	Crankshaft, FE350 (left-hand threads) (for engines with serial numbers 094171 and greater) (includes items 10 - 12 and one each of item 13)	1
10	1016562	Key	1
11	N/A	Gear, Helical	1
12	N/A	Gear, Spur	1
13	1017471	Rod	2
14	101773301	Shim, Crankshaft, 1.18 mm Thick	A/R
14	101773302	Shim, Crankshaft, 1.25 mm Thick	A/R
14	101773303	Shim, Crankshaft, 1.32 mm Thick	A/R
14	101773304	Shim, Crankshaft, 1.39 mm Thick	A/R
14	101773305	Shim, Crankshaft, 1.46 mm Thick	A/R
14	101773306	Shim, Crankshaft, 1.53 mm Thick	A/R
14	101773307	Shim, Crankshaft, 1.60 mm Thick	A/R
14	101773308	Shim, Crankshaft, 1.67 mm Thick	A/R
14	101773309	Shim, Crankshaft, 1.74 mm Thick	A/R
14	101773310	Shim, Crankshaft, 1.11 mm Thick	A/R
14	101773311	Shim, Crankshaft, 1.81 mm Thick	A/R
15	1017501	Spacer	1
16	1016541	Stud, M6 x 1 x 22 mm	4
17	1016547	Nut, Flanged, M6 x 1	4
18	1016470	Shaft, Counterbalance Guide	1
19	1016571	O-Ring	1
20	1017453	Weight, Counterbalance (includes item 21)	1
21	1017510	Bearing	1


FRONT OF VEHICLE
REFERENCE ENGINE SECTION 7
TYPICAL 4 PLACES
5
TYPICAL 2 PLACES
8
9
1
TYPICAL 2 PLACES
6
TYPICAL 2 PLACES
2
3
2
2
7
6
TYPICAL 4 PLACES
14
10
TYPICAL 4 PLACES
TURF/CARRYALL 2 XRT ONLY
TYPICAL 2 PLACES
6
1
2
TYPICAL 2 PLACES
3
4
11
12
TYPICAL 4 PLACES
TYPICAL 2 PLACES
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13
6
TYPICAL 4 PLACES
REFERENCE UNITIZED TRANSAXLE

ENGINE MOUNTING

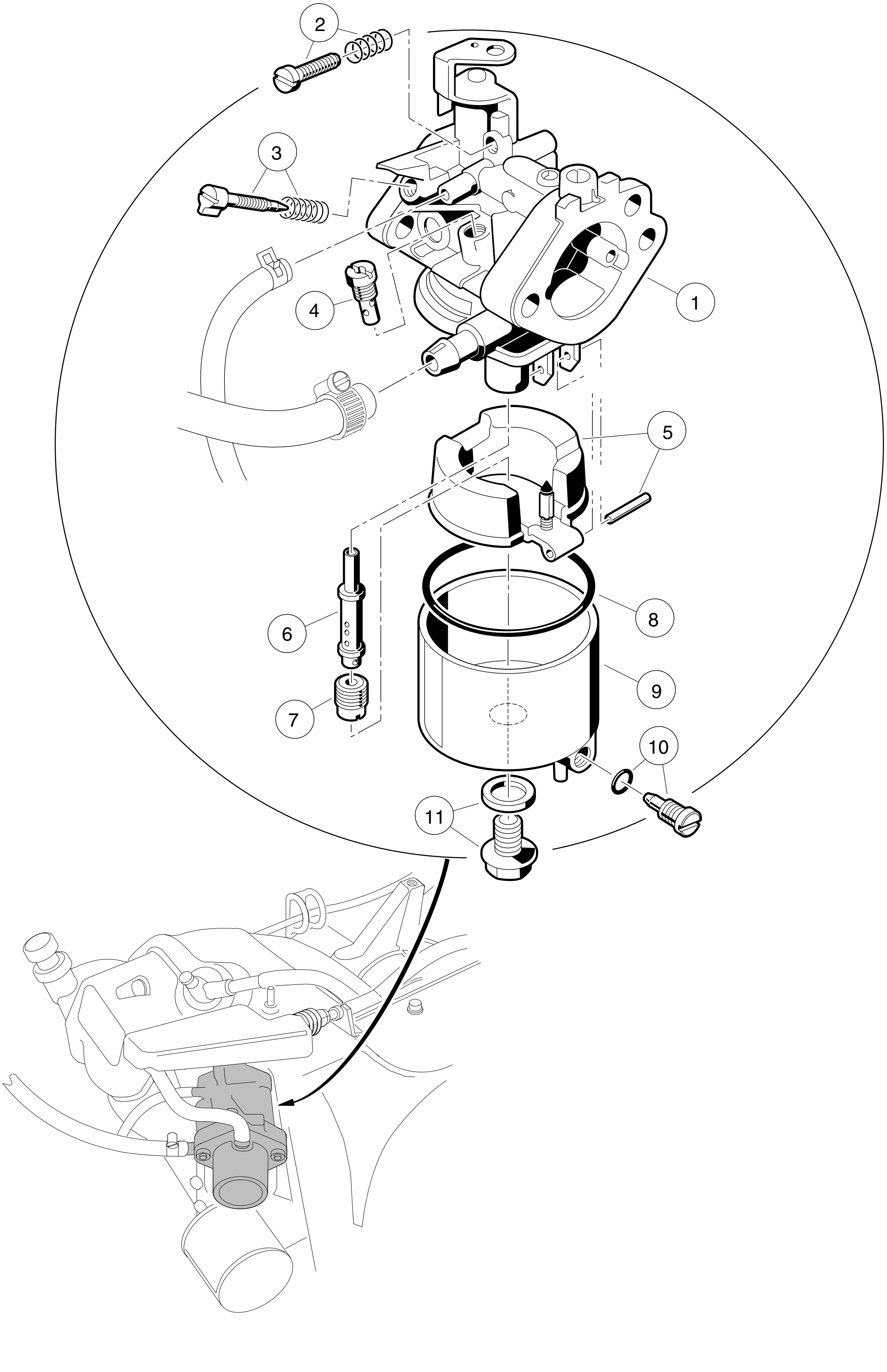
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012164	Snubber	1
2	1013924	Nut, Hex Lock, UNF, 5/16-24	10
3	101834601	Bracket, Snubber	1
4	101827101	Plate, Mounting	1
5	101833001	Nut, Flange, M8 x 1.25	6
6	101884801	Screw, Hex Washer, 5/16-24 x 7/8	10
7	101833301	Screw, Hex-Head Cap, M10 x 1.25 x 30 mm	4
8	101833201	Stud, M8 x 1.25 x 60 mm (FE290 vehicle)	2
8	101833101	Stud, M8 x 1.25 x 50 mm (FE350 vehicle)	2
9	101832101	Spacer (FE290 Vehicle)	2
9	1011697	Washer, Flat 5/16 (FE350 vehicle)	2
10	101832901	Nut, Flange, M10 x 1.25	4
11	1012571	Washer, Heavy Flat, 5/16	4
12	101855901	Screw, Hex-Head Cap, M8 x 1.25 x 43 mm	4
13	101832701	Stiffener, Flywheel Side	1
14	101832601	Stiffener, PTO Side (FE350 vehicle only)	1

FUEL, INTAKE, AND GOVERNOR SYSTEMS


26
TANK CONNECTION
6
FRAME CONNECTION
5
7
3
4
9
2
12
13
14
11
10
1
24
25
LOCATION OF FUEL PUMP MOUNTING BRACKET– TURF/CARRYALL 2, XRT, AND 2 PLUS
LOCATION OF FUEL PUMP MOUNTING BRACKET– TURF/CARRYALL 1 AND 6
7
8
SEE ABOVE FUEL TANK FUEL PICKUP TUBE
16
15
17
TYPICAL 2 PLACES
21
19
18
20
23
24
27
22
TYPICAL 2 PLACES
TO ENGINE CRANKCASE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016004	Kit, Fuel Tank, Unit (includes items 2 - 9)	1
2	1015188	Cap, Fuel Tank, Nonvented	1
3	1015143	Assembly, Fuel Tank Vent	1
4	1015139	Grommet, Insulation	1
5	1015137	Line, Bulk Vent (available by the foot)	A/R
6	N/A	Wire Assembly, #16 Black	1
7	1013746	Clamp, Hose (gray)	2
8	101824401	Barb, Vent	1
9	101896901	Valve, Fuel Pickup Tube with Shut-Off	1
10	1014928	Assembly, Rear Fuel Strap	1
11	101955301	Assembly, Front Fuel Strap	1
12	1014116	Nut, U-Type Speed, 1/4-20	3
13	8248	Screw, Phillips Truss-Head, 1/4-20 x 3/4	1
14	1011988	Screw, Phillips Truss-Head, 1/4-20 x 2	2
15	1012649	Clamp, Hose (red)	9
16	1013692	Line, Bulk Fuel (available by the foot)*	A/R
17	102003201	Filter, Fuel	2
18	1014523	Pump, Fuel Impulse	1
19	1014524	Kit, Rebuild, Fuel Impulse Pump	A/R
20	101987701	Clamp, Plastic	1
21	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8	4
22	101929501	Bracket, Fuel Pump Mounting	1
23	1015137	Line, Bulk Vent (available by the foot)	A/R
24	1013746	Clamp, Hose (gray)	2
25	101824401	Barb, Vent	1
26	N/A	Boot, Rubber	1
27	1013687	Clamp, Hose (screw type)	1

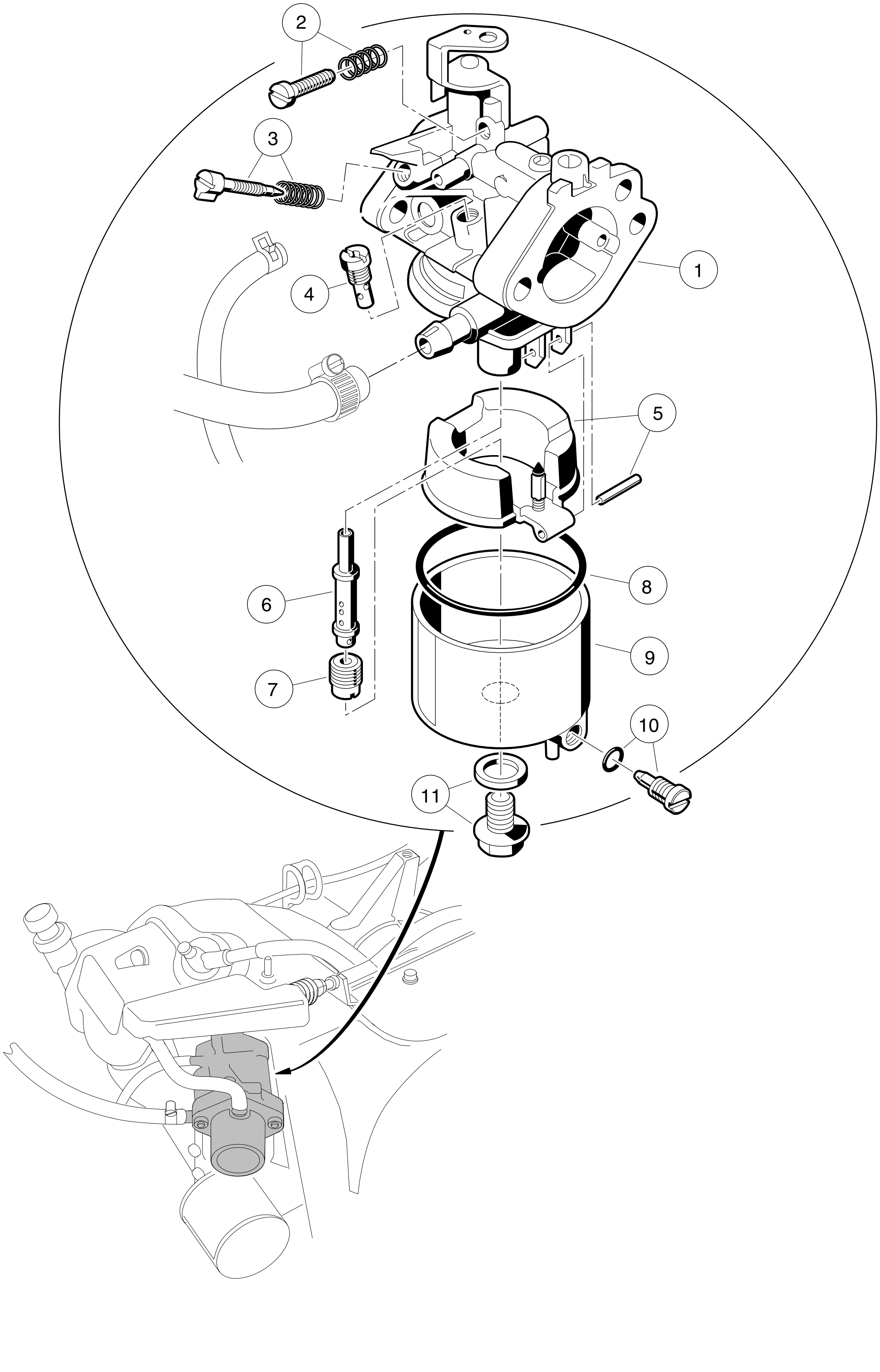
*Total fuel line lengths:
Turf/Carryall 1 and 6 – 43 inches (109.2 cm)
Turf/Carryall 2, 2 Plus, and XRT – 48 inches (121.9 cm)


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CARBURETOR ASSEMBLY, FE290 ENGINE – TURF/CARRYALL 1

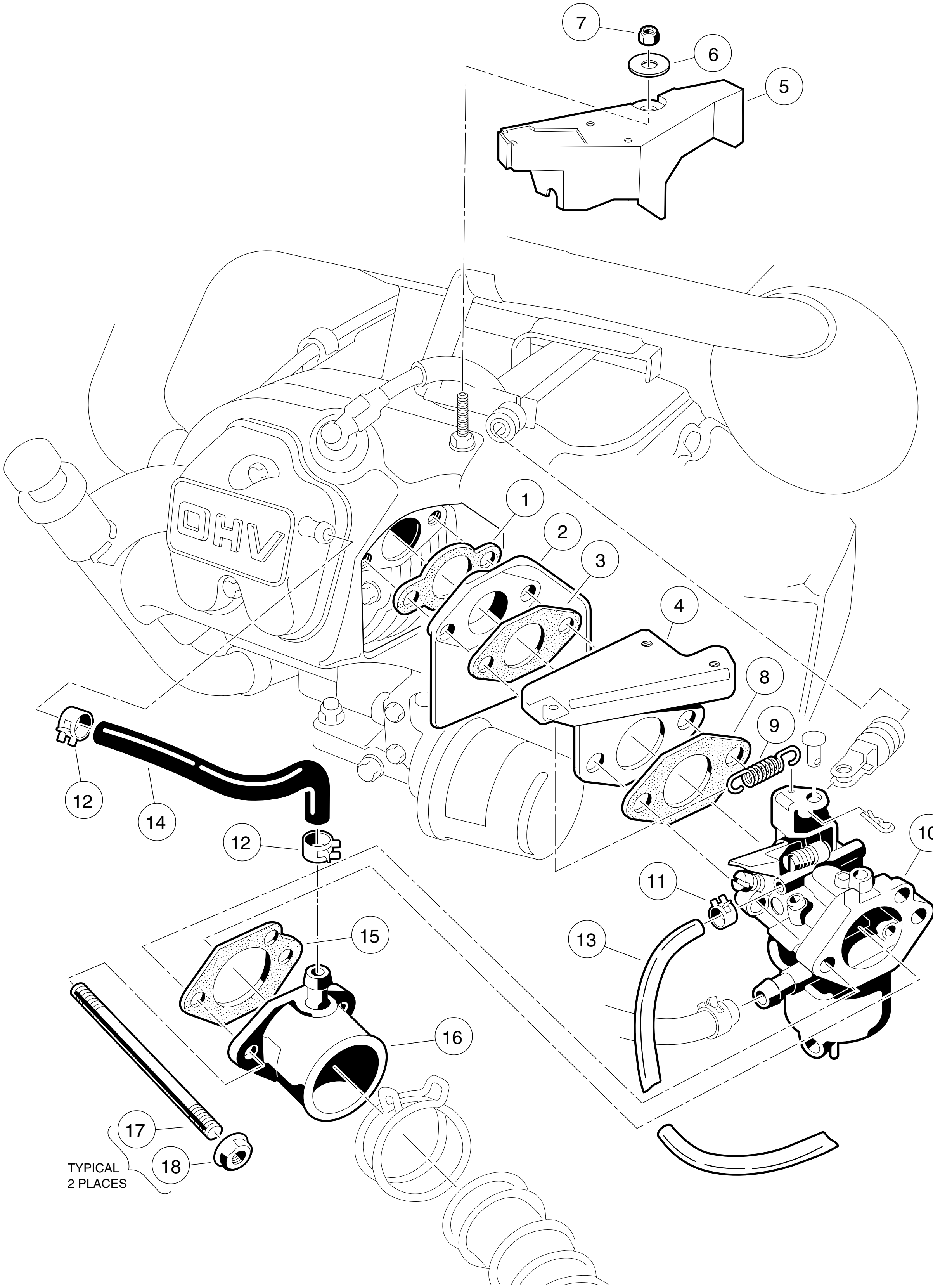
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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101905601	Assembly, Carburetor (includes items 2 - 11)	1
2	1016501	Assembly, Idle Screw	1
3	N/A	Assembly, Pilot Air Screw	1
4	101973101	Jet, Pilot, #40	1
5	1016486	Assembly, Float	1
6	101973201	Nozzle, Main	1
		Standard Jetting:	
7	101642582	Jet, Main, 0 - 3,000 feet	1
7	101642580	Jet, Main, 3,000 - 5,000 feet	A/R
7	101642578	Jet, Main, 5,000 - 8,000 feet	A/R
7	101642575	Jet, Main, 8,000 - 10,000 feet	A/R
7	101642572	Jet, Main, 10,000 Feet and Above	A/R
8	1016437	Gasket, Float Chamber	1
9	1017461	Assembly, Float Chamber (includes item 10)	1
10	1016499	Assembly, Screw	1
11	1016585	Assembly, Bolt	1


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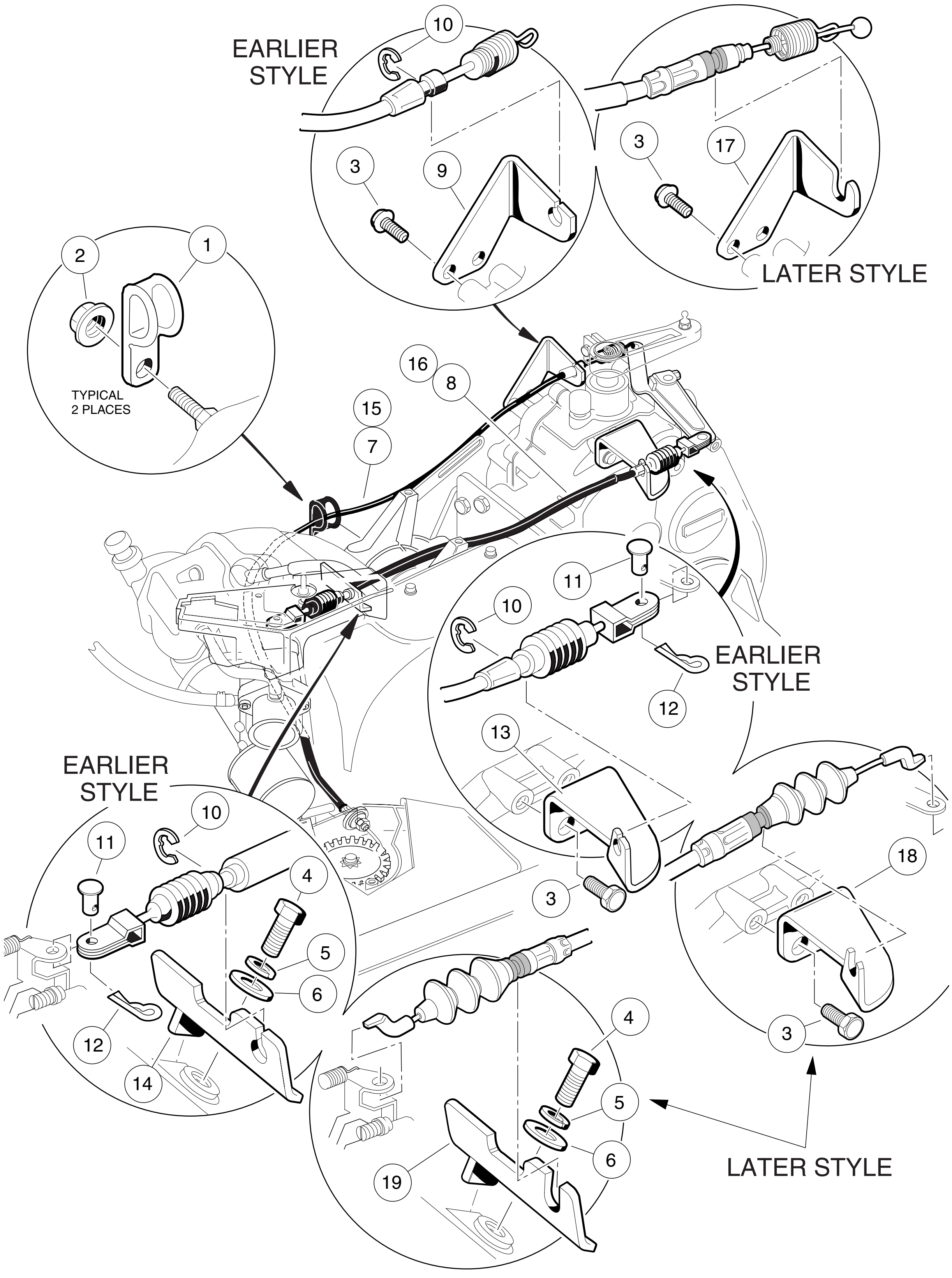
CARBURETOR ASSEMBLY, FE350 ENGINE – TURF/CARRYALL 2, XRT, 2 PLUS, AND 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101905901	Assembly, Carburetor (includes items 2 - 11)	1
2	1016501	Assembly, Idle Screw	1
3	N/A	Assembly, Pilot Air Screw	1
4	101973101	Jet, Pilot, #40	1
5	1016486	Assembly, Float	1
6	101973301	Nozzle, Main	1
		Standard Jetting:	
7	101642585	Jet, Main, 0 - 3,000 Feet	1
7	101642582	Jet, Main, 3,000 - 5,000 Feet	A/R
7	101642580	Jet, Main, 5,000 - 8,000 Feet	A/R
7	101642578	Jet, Main, 8,000 - 10,000 Feet	A/R
7	101642575	Jet, Main, 10,000 Feet and Above	A/R
8	1016437	Gasket, Float Chamber	1
9	1017461	Assembly, Float Chamber (includes item 10)	1
10	1016499	Assembly, Screw	1
11	1016585	Assembly, Bolt	1


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18
TYPICAL
2 PLACES

CARBURETOR INSTALLATION

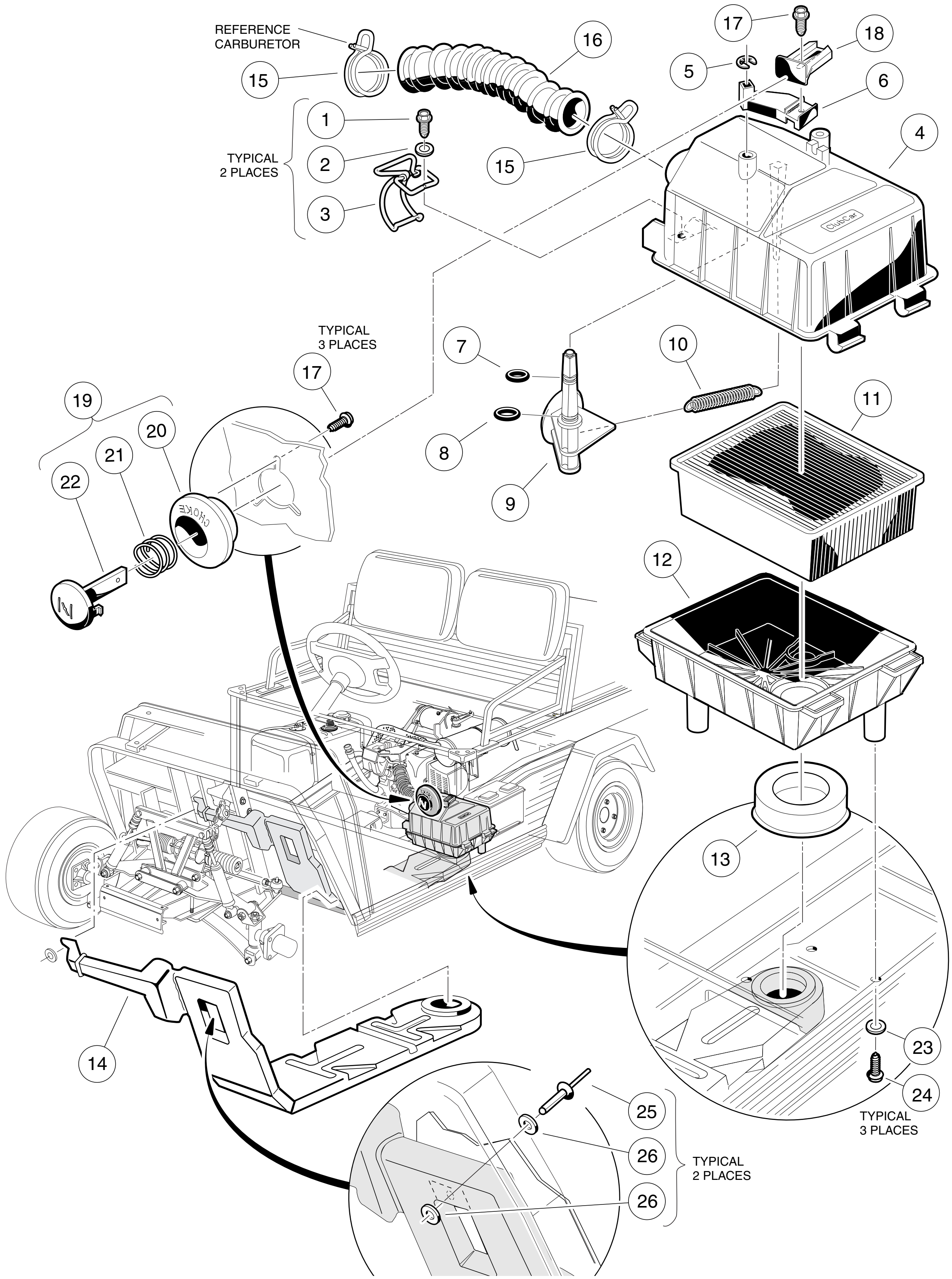
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016440	Gasket, Insulator	1
2	101648102	Insulator, Carburetor	1
3	1016439	Gasket, Carburetor Insulator to Throttle Bracket (Turf/Carryall 1 and 2)	1
3	101973401	Gasket, Carburetor Insulator to Throttle Bracket (Turf/Carryall 2 XRT, 2 Plus and 6)	1
4	1016444	Bracket, Throttle	1
5	101820201	Guard, Governor (Turf/Carryall 1)	1
6	1011697	Washer, Flat, 5/16 (Turf/Carryall 1)	1
7	101887601	Nut, Nylon Lock, M6 x 1 (Turf/Carryall 1)	1
8	1016441	Gasket, Throttle Bracket To Carburetor	1
9	1016582	Spring, Throttle Return	1
10	101905601	Assembly, Carburetor (Turf/Carryall 1 and 2)	1
10	101905901	Assembly, Carburetor (Turf/Carryall 2 XRT, 2 Plus and 6)	1
11	1013746	Clamp, Hose (gray)	1
12	1017466	Clamp, Hose (bronze)	2
13	1015137	Line, Bulk Vent	A/R
14	1016572	Tube, Crankcase Vent	1
15	1016438	Gasket, Carburetor to Intake Manifold	1
16	1016480	Pipe, Intake	1
17	101649002	Screw, 2-Ended Stud, M6 x 1 x 90 mm	2
18	1016547	Nut, Flanged, M6 x 1	2


EARLIER STYLE
10
3
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17
LATER STYLE
2
1
TYPICAL 2 PLACES
16
8
15
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EARLIER STYLE
12
13
EARLIER STYLE
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6
19
LATER STYLE

GOVERNOR AND ACCELERATOR CABLES

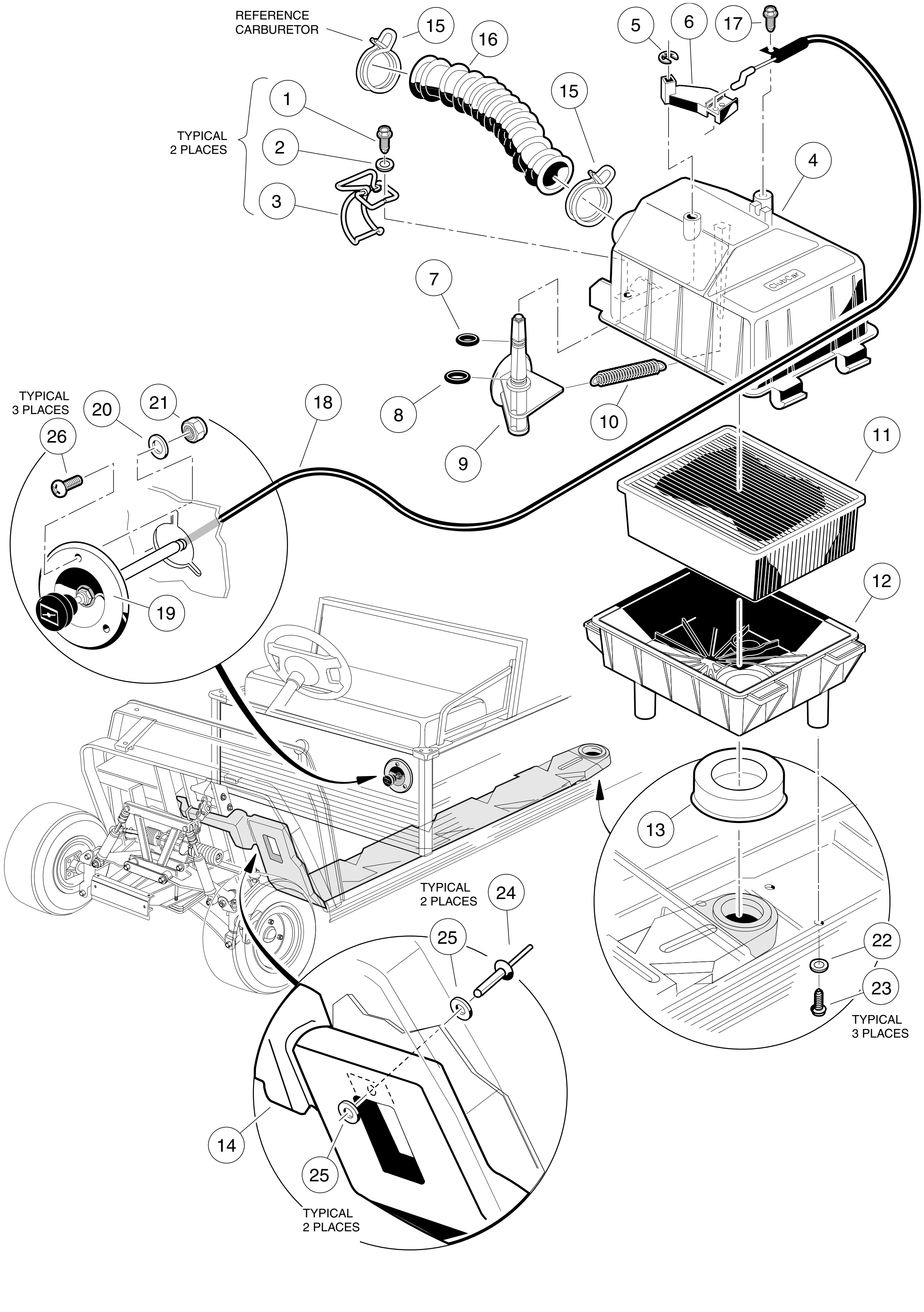
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1013700	Clamp, Cable Retaining	2
2	1016546	Nut, Flanged Hex, M8 x 1.25	2
3	1012285	Screw, Thread Rolling, 1/4-20 x 5/8	4
4	101903501	Screw, Hex-Head Cap, M8 x 1.25 x 24 mm	1
5	7174	Washer, Lock, 5/16	1
6	1011697	Washer, Flat, 5/16	1
		Earlier style cables (2001, 2002, and early 2003 models)*:	
7	101832501	Cable, Accelerator	1
8	101832401	Cable, Governor (Turf/Carryall 1)	1
8	101832402	Cable, Governor (Turf/Carryall 2, XRT, 2 Plus and 6)	1
9	101832301	Bracket, Accelerator Support	1
10	1016202	E-Ring	3
11	1015408	Pin, Governor Cable Clevis	2
12	1014413	Pin, Hair Spring Cotter, 1/8 I.D. x 5/8	2
13	101832201	Bracket, Support	1
14	1015845	Bracket, Governor Cable Engine	1
		Later style cables (beginning mid-model year 2003)*:	
15	102336101	Cable, Accelerator, Snap-in	1
16	102336001	Cable, Governor, Snap-in	1
17	101832302	Bracket, Accelerator Support	1
18	101832202	Bracket, Support	1
19	101584502	Bracket, Governor Cable Engine	1
		* Brackets and cables must be of the same style.	

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REFERENCE
CARBURETOR
15
16
17
18
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1
2
3
TYPICAL
2 PLACES
15
4
7
10
TYPICAL
3 PLACES
17
19
20
21
22
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23
24
TYPICAL
3 PLACES
25
26
26
TYPICAL
2 PLACES

INTAKE DUCT, CHOKE, AND AIR BOX ASSEMBLY – TURF/CARRYALL 1

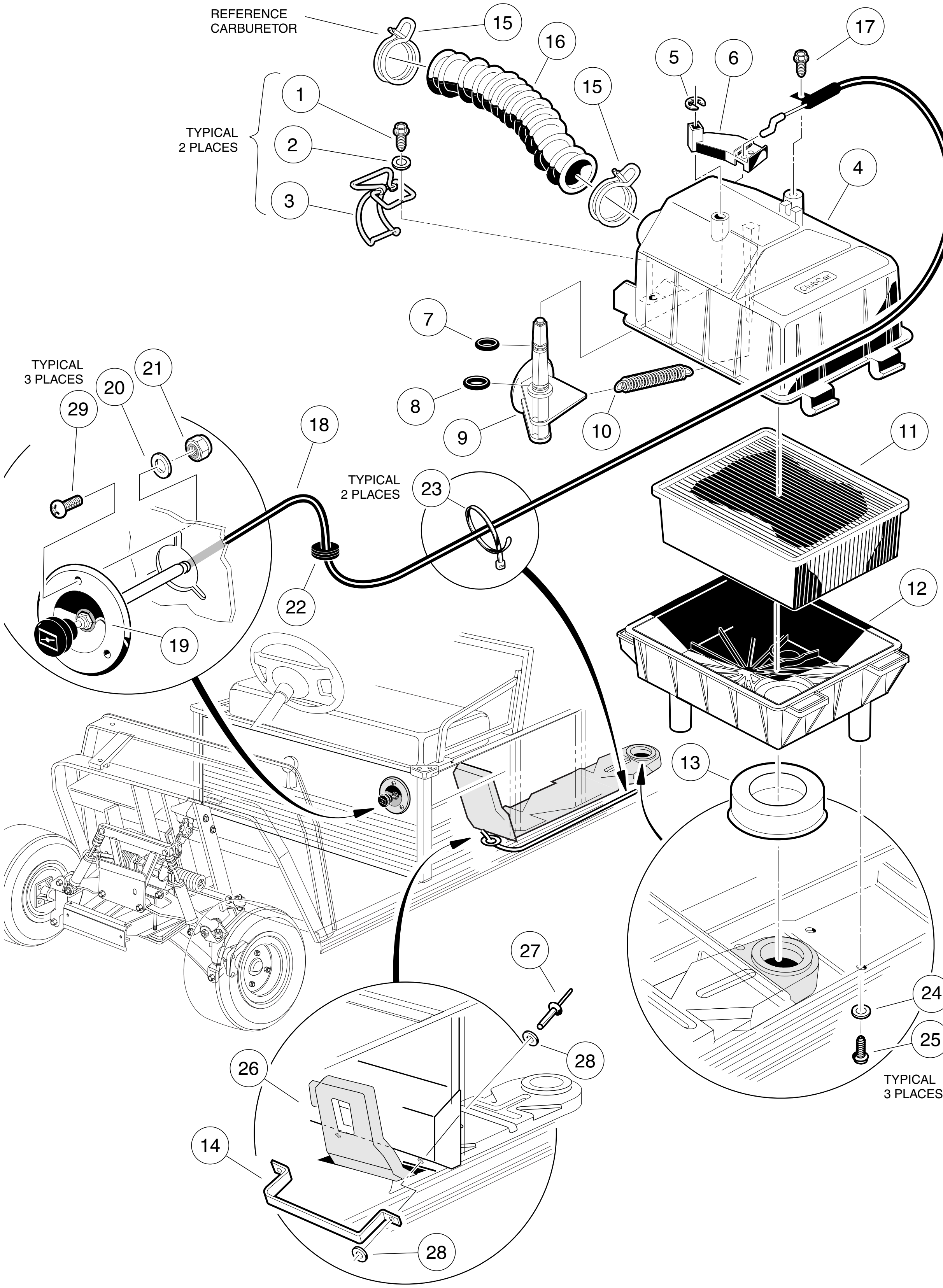
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101821501	Assembly, Air Box (includes items 1 - 13)	1
1	101804301	Screw, Hi-Lo Hex-Head, #8-1/2	2
2	101881701	Washer, Stainless Steel, #8	2
3	101925701	Latch, Wire	2
4	101972801	Assembly, Air Box Top (includes items 5 - 10)	1
5	101813001	E-Clip	1
6	101917601	Lever, Choke	1
7	N/A	O-Ring, 5/16 (red)	1
8	N/A	O-Ring, 3/8 (green)	1
9	N/A	Valve, Choke	1
10	101812301	Spring, Return	1
11	1015426	Filter, Air	1
12	101811901	Bottom, Air Box	1
13	101921501	Seal, Intake	1
14	101958101	Assembly, Air Duct	1
15	101971301	Clamp, Hose (air intake)	2
16	101837101	Hose, Intake	1
17	101850301	Screw, Hi-Lo, #12 x 1/2	4
18	101917701	Positioner, Choke	1
19	101805701	Assembly, Choke Button (includes items 20, 21 and 22)	1
20	101811501	Guide, Choke Lever	1
21	101856201	Spring, Compression	1
22	101811401	Lever, Choke	1
23	332	Washer, Flat, 1/4	3
24	1015752	Screw, Hi-Lo, #12-16 x 5/8	3
25	1606	Rivet, Pop, 3/16	2
26	183	Washer, Flat, #10	4
	101971001	Kit, Air Duct Repair (not shown)	A/R


REFERENCE
CARBURETOR
15
16
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1
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TYPICAL
2 PLACES
2
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10
TYPICAL
3 PLACES
20
21
18
26
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12
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13
TYPICAL
2 PLACES
24
25
22
23
TYPICAL
3 PLACES
14
25
TYPICAL
2 PLACES

INTAKE DUCT, CHOKE, AND AIR BOX ASSEMBLY – TURF/CARRYALL 2, XRT, AND 2 PLUS

8 G E

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101821501	Assembly, Air Box (includes items 1 - 13)	1
1	101804301	Screw, Hi-Lo Hex-Head, #8-1/2	2
2	101881701	Washer, Stainless Steel, #8	2
3	101925701	Latch, Wire	2
4	101972801	Assembly, Air Box Top (includes items 5 - 10)	1
5	101813001	E-Clip	1
6	101917601	Lever, Choke	1
7	N/A	O-Ring, 5/16 (red)	1
8	N/A	O-Ring, 3/8 (green)	1
9	N/A	Valve, Choke	1
10	101812301	Spring, Return	1
11	1015426	Filter, Air	1
12	101811901	Bottom, Air Box	1
13	101921501	Seal, Intake	1
14	101958102	Assembly, Air Duct	1
15	101971301	Clamp, Hose (air intake)	2
16	101837101	Hose, Intake	1
17	101804301	Screw, Hex-Head Hi-Lo, #8 x 1/2	1
18	101926801	Cable, Choke (includes item 19)	1
19	101933701	Bezel, Choke Cable	1
20	183	Washer, #10	3
21	1012438	Nut, Nylon Lock, #10-24	3
22	332	Washer, Flat, 1/4	3
23	1015752	Screw, Hi-Lo, #12-16 x 5/8	3
24	1606	Rivet, Pop, 3/16	2
25	183	Washer, Flat, #10	4
26	1631	Screw, Pan-Head, #10-24 x 3/4	3

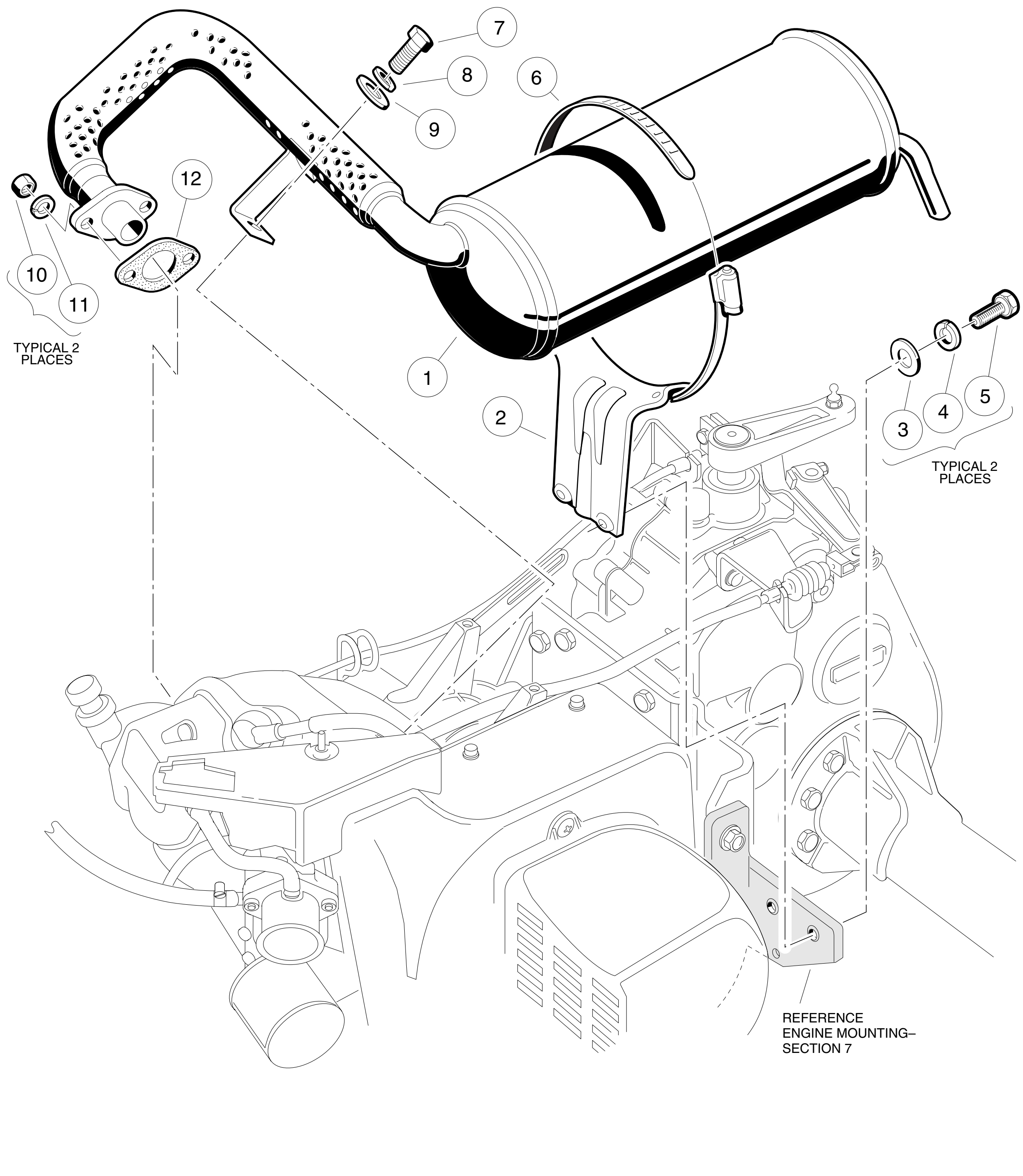

REFERENCE CARBURETOR
TYPICAL 2 PLACES
TYPICAL 3 PLACES
TYPICAL 2 PLACES
TYPICAL 3 PLACES
ClubCar
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INTAKE DUCT, CHOKE, AND AIR BOX ASSEMBLY – TURF/CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101821501	Assembly, Air Box (includes items 1 - 13)	1
1	101804301	Screw, Hi-Lo Hex-Head, #8-1/2	2
2	101881701	Washer, Stainless Steel, #8	2
3	101925701	Latch, Wire	2
4	101972801	Assembly, Air Box Top (includes items 5 - 10)	1
5	101813001	E-Clip	1
6	101917601	Lever, Choke	1
7	N/A	O-Ring, 5/16 (red)	1
8	N/A	O-Ring, 3/8 (green)	1
9	N/A	Valve, Choke	1
10	101812301	Spring, Return	1
11	1015426	Filter, Air	1
12	101811901	Bottom, Air Box	1
13	101921501	Seal, Intake	1
14	101825701	Bracket, Retaining	1
15	101971301	Clamp, Hose (air intake)	2
16	101837101	Hose, Intake	1
17	101804301	Screw, Hex-Head Hi-Lo, #8 x 1/2	1
18	101926802	Cable, Choke (includes item 19)	1
19	101933701	Bezel, Choke Cable	1
20	183	Washer, #10	3
21	1012438	Nut, Nylon Lock, #10-24	3
22	1015139	Grommet	1
23	8168	Tie, Wire	2
24	332	Washer, Flat, 1/4	3
25	1015752	Screw, Hi-Lo, #12-16 x 5/8	3
26	101811301	Duct, Air	1
27	7973	Rivet, Pop, 3/16	2
28	183	Washer, Flat, #10	4
29	1631	Screw, Pan-Head, #10-24 x 3/4	3

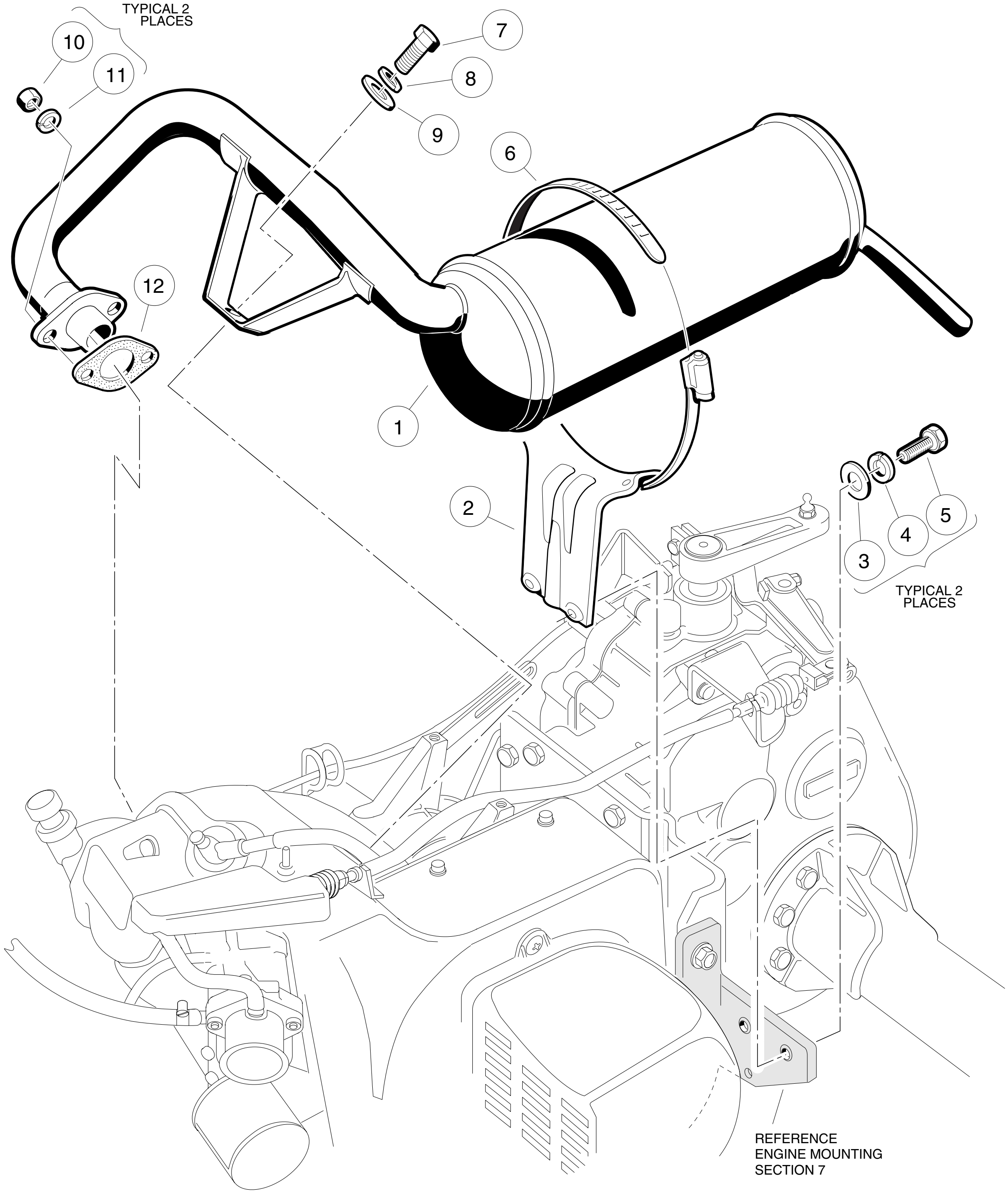
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EXHAUST SYSTEM


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TYPICAL 2
PLACES
1
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TYPICAL 2
PLACES
REFERENCE
ENGINE MOUNTING–
SECTION 7

EXHAUST SYSTEM, FE290 – TURF/CARRYALL 1

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101859301	System, Exhaust	1
2	1015814	Bracket, Muffler Mounting	1
3	332	Washer, Flat, 1/4	2
4	451	Washer, Lock, 1/4	2
5	7847	Screw, Hex-Head, 1/4-20 x 3/4	2
6	1017689	Clamp, Muffler	1
7	1012830	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm	1
8	7174	Washer, Lock, 5/16	1
9	1015075	Washer, Flat, 5/16	1
10	1012528	Nut, Hex, M8 x 1.25	2
11	1013734	Washer, Lock, 8 mm	2
12	1015330	Gasket, Exhaust	1


TYPICAL 2
PLACES
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TYPICAL 2
PLACES
REFERENCE
ENGINE MOUNTING
SECTION 7

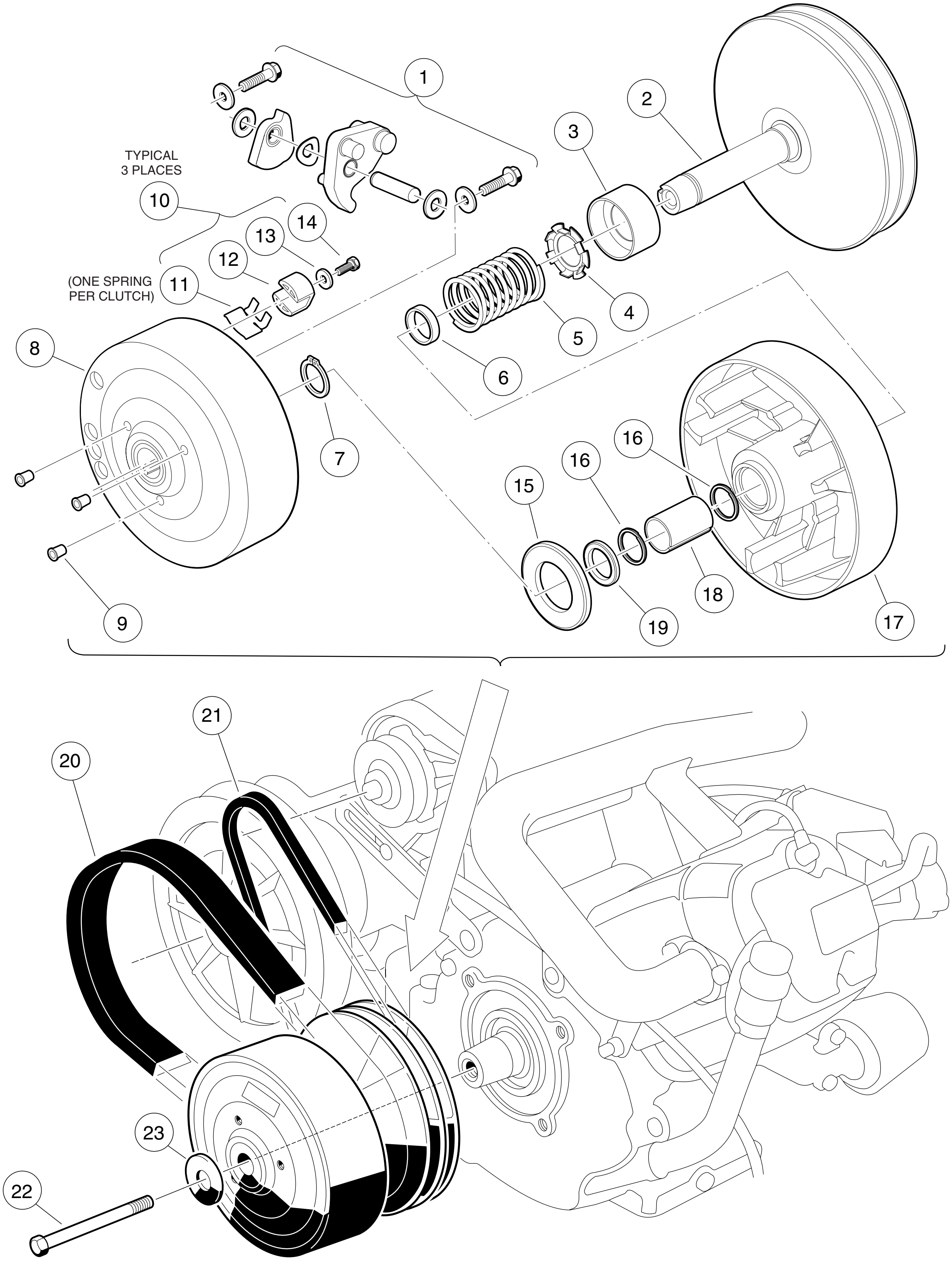
EXHAUST SYSTEM, FE350 – TURF/ CARRYALL 2, XRT, 2 PLUS, AND 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101859401	System, Exhaust	1
2	1015814	Bracket, Muffler Mounting	1
3	332	Washer, Flat, 1/4	2
4	451	Washer, Lock, 1/4	2
5	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4	2
6	1017689	Clamp, Muffler	1
7	1012830	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm	1
8	7174	Washer, Lock, 5/16	1
9	1015075	Washer, Flat, 5/16	1
10	1012528	Nut, Hex, M8 X 1.25	2
11	1013734	Washer, Lock, 8 mm	2
12	1016904	Gasket, Exhaust	1

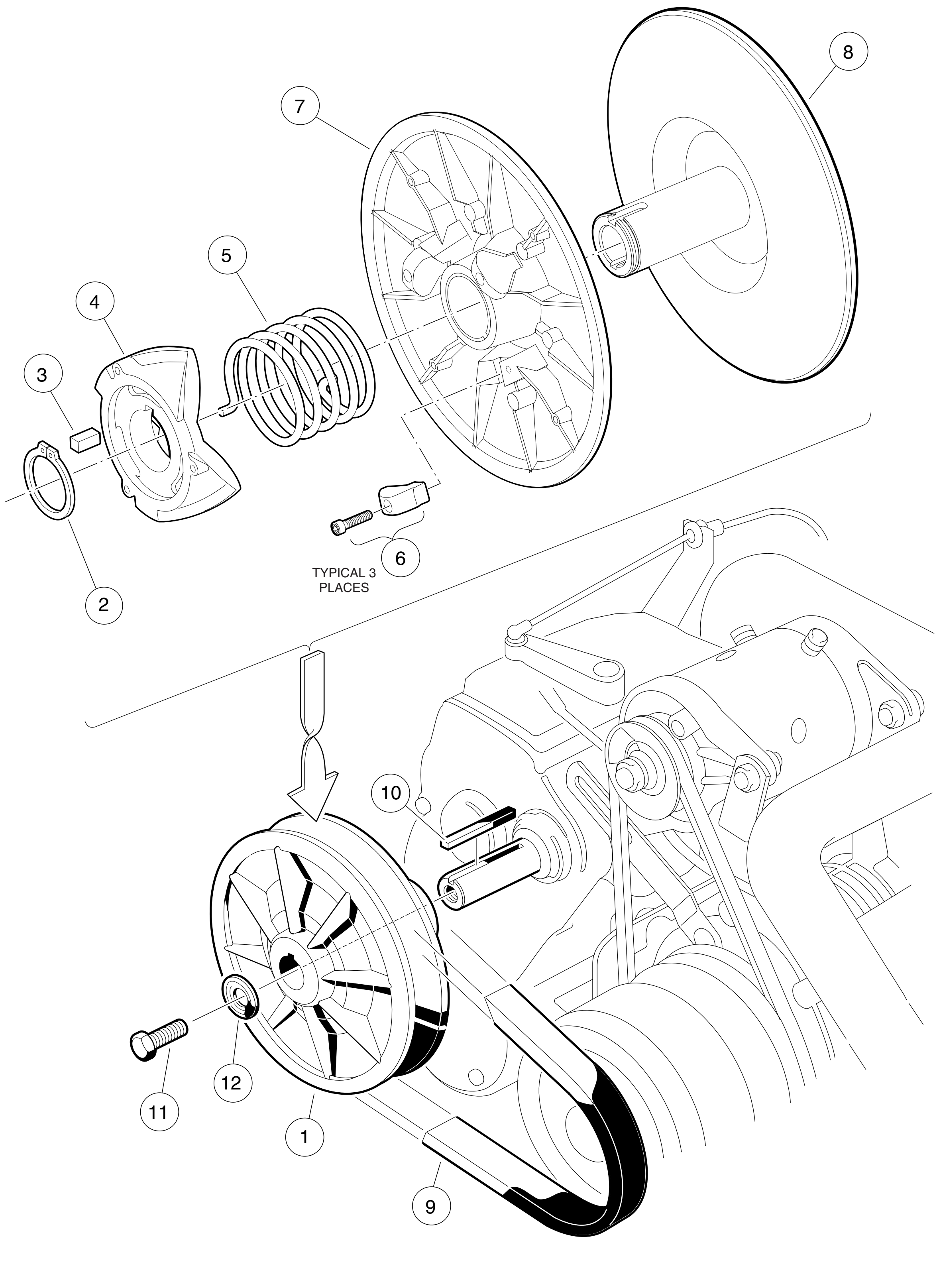
TORQUE CONVERTER

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TYPICAL
3 PLACES
(ONE SPRING
PER CLUTCH)
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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101833902	Assembly, Drive Clutch (Turf/Carryall 1, 2, and XRT) (includes items 1 - 19)	1
	101833904	Assembly, Drive Clutch (Carryall 2 Plus and Turf/Carryall 6) (includes items 1 - 19)	1
1	1016801	Kit, Drive Clutch Weight	1
2	101929801	Assembly, Fixed Face (Carryall 1, 2, and XRT)	1
2	101738301	Assembly, Fixed Face (Carryall 2 Plus and Turf//CA6)	1
3	1014049	Bearing, Idler	1
4	1014050	Spring, Retainer	1
5	1014051	Spring, Drive Clutch – Black (Turf/Carryall 1, 2, and XRT)	1
5	1016901	Spring, Drive Clutch – Dark Green (Carryall 2 Plus and Turf//CA6)	1
6	1016289	Spacer, Fixed Face Shaft	1
7	1014057	Ring, Retaining	1
8	1014059	Assembly, Drive Hub	1
9	N/A	Plug, Drive Clutch	3
10	1014453	Kit, Drive Clutch Button (includes item 11 - 14)	1
11	1014287	Spring, Drive Button	1
12	1014062	Driver, Drive Clutch	3
13	183	Washer, Flat, #10, Type A	3
14	8450	Screw, Hex-Head, #10-24 x .5	3
15	1014058	Washer, Thrust	1
16	1014056	Ring, Spiral Back-Up	2
17	1014052	Assembly, Movable Face (includes items 18 and 19)	1
18	N/A	Bushing	1
19	1014055	Retainer	1
20	1016203	Belt, Drive (Turf/Carryall 1)	1
20	1017188	Belt, Drive (Turf/Carryall 2, XRT, 2 Plus, and 6)	1
21	101916701	Belt, Starter/Generator	1
22	101916501	Screw, Hex-Head Cap, 3/8-24 x 5-1/2 (left-hand threads)	1
23	1017328	Washer, Drive Clutch – Green	1


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TYPICAL 3
PLACES
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DRIVEN CLUTCH

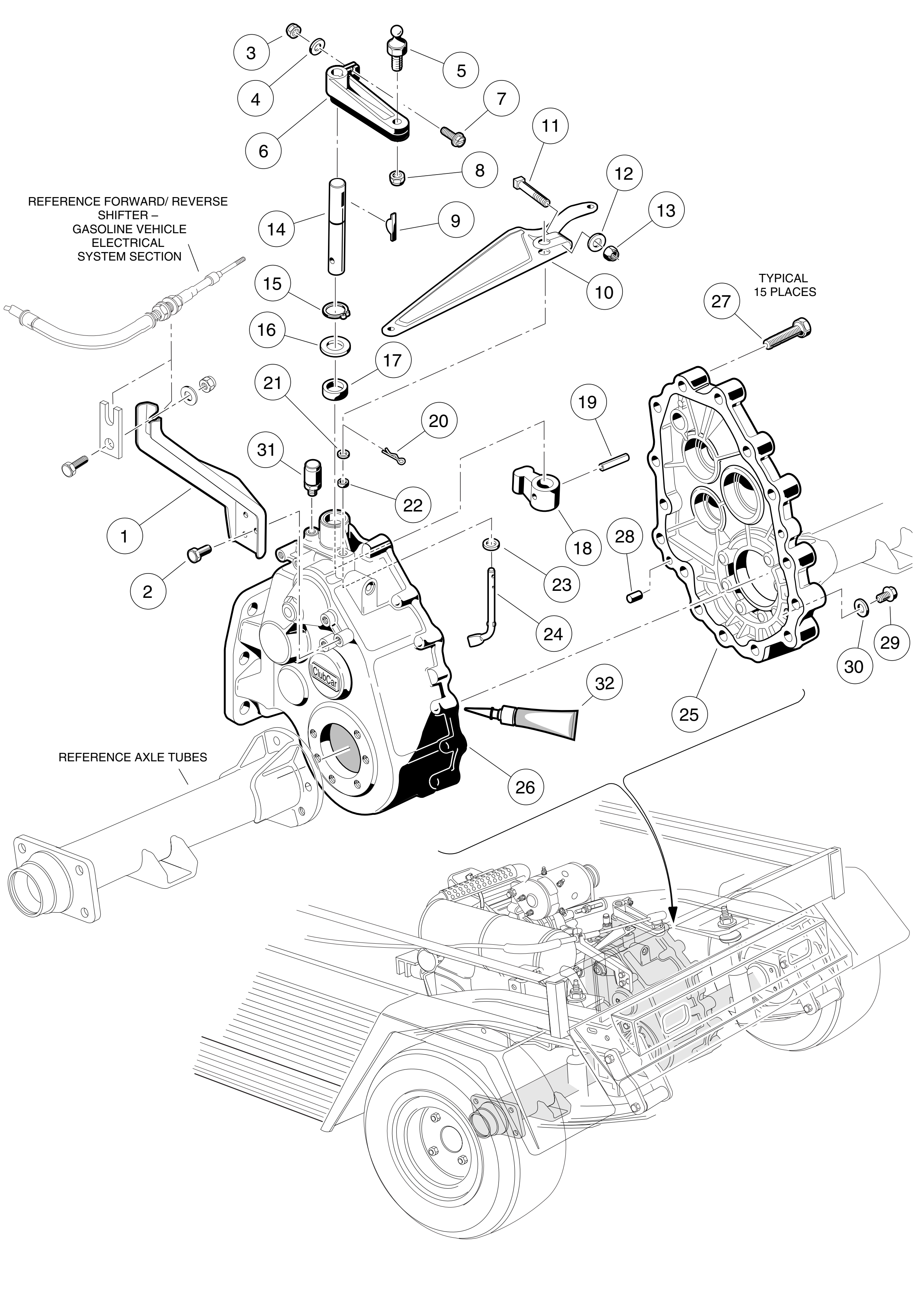
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101834001	Assembly, Driven Clutch (includes items 2 - 8) (Turf/Carryall 1, 2, XRT, and 6) ...	1
1	101834003	Assembly, Driven Clutch (includes items 2 - 8) (Carryall 2 Plus only)	1
2	1014080	Ring, Retaining	1
3	1014078	Key	1
4	1017686	Cam	1
5	101836201	Spring – Green (Turf/Carryall 1, 2, XRT, and 6)	1
5	101836202	Spring – Purple (Carryall 2 Plus only)	1
6	1014454	Kit, Driven Clutch Button (includes 3 buttons and 3 screws)	1
7	1014072	Assembly, Movable Face, with Bushing	1
8	1014070	Assembly, Fixed Face	1
9	1016203	Belt, Drive (Turf/Carryall 1 only)	1
9	1017188	Belt, Drive (Turf/Carryall 2, XRT, 2 Plus, and 6)	1
	AM10419	Kit, Driven Clutch Hardware Repair (includes items 10 - 12)................................	1
10	101833401	Key, Square Transmission	1
11	102242101	Screw, Hex-Head Cap, Thread-Locking, 5/16-18 x 3/4	1
12	1017327	Washer, Driven Clutch	1

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UNITIZED TRANSAXLE

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REFERENCE FORWARD/ REVERSE SHIFTER – GASOLINE VEHICLE ELECTRICAL SYSTEM SECTION
TYPICAL 15 PLACES
REFERENCE AXLE TUBES

UNITIZED TRANSAXLE – GEAR CASES AND GUARD

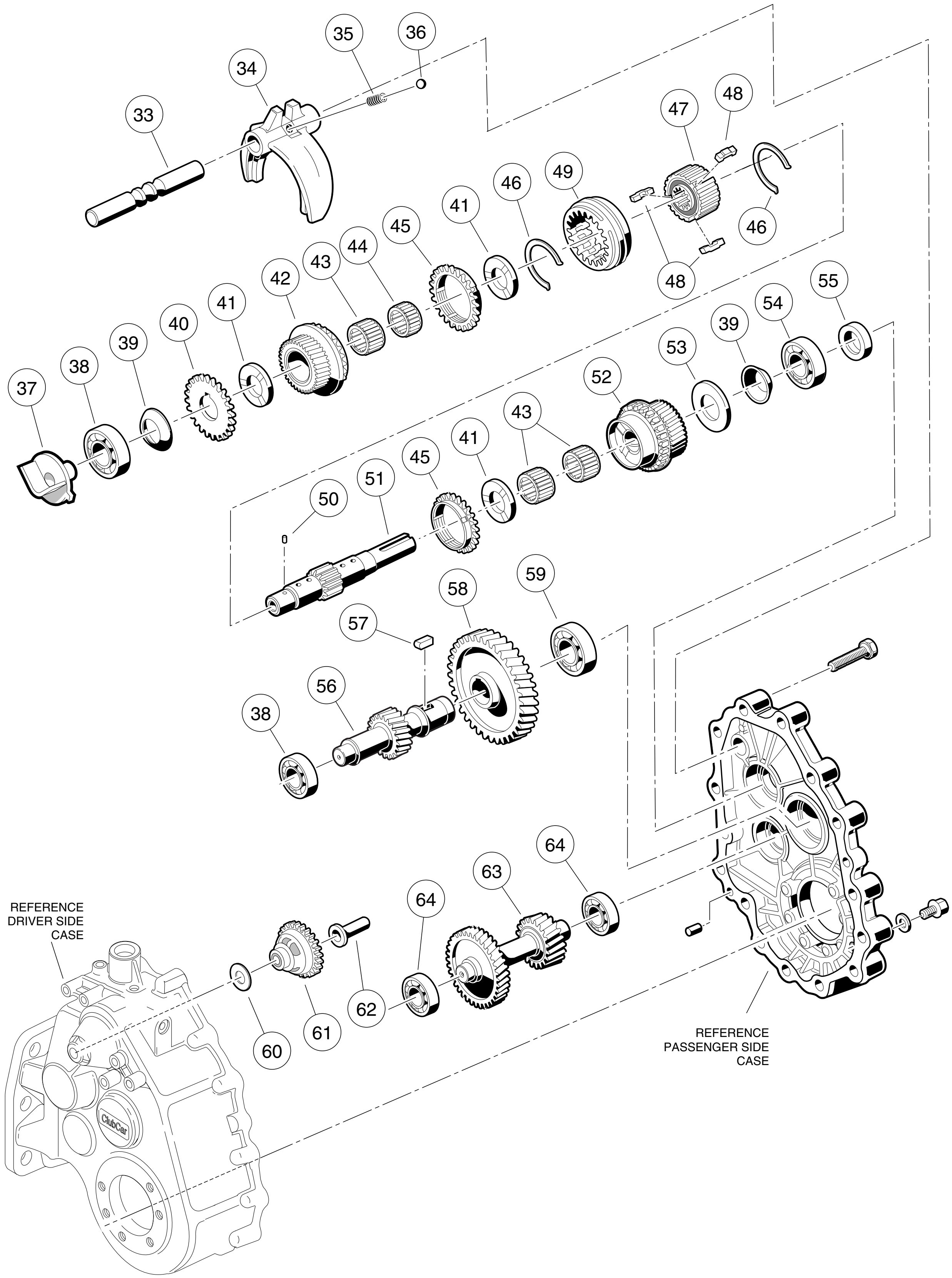
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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101922601	Bracket, Transmission Cable Support	1
2	1012285	Screw, Thread Rolling, 1/4-20 x 5/8	3
3	1013061	Nut, Nylon Lock, #10-32	1
4	183	Washer, Flat, #10	1
5	1010954	Stud, Ball, 1/4-28 x 9/16	1
6	1016341	Lever, Transmission Shifter	1
7	1017082	Screw, Hex Washer-Head, #10-32 x 3/4	1
8	8717	Nut, Nylon Lock, 1/4-28	1
9	1017231	Key, Woodruff	1
10	101834801	Arm, Governor Lever	1
11	101886101	Screw, Square Head, 1/4-20 x 1	1
12	1014007	Washer, Type B, 1/4	1
13	8233	Nut, Nylon Lock, 1/4-20	1
	101833601	Unitized Transaxle (includes items 14 - 88)	1
14	101890201	Shaft, Shifter	1
15	101927301	Ring, Snap	1
16	101892901	Washer, Flat	1
17	101927201	Seal, Oil	1
18	101890101	Lever, Shifter	1
19	1012752	Pin, Roll	1
20	101928601	Pin, Cotter	1
21	1016513	Washer, Flat	1
22	101927101	Seal, Oil	1
23	101893801	Washer	1
24	101891301	Arm, Pivot	1
25	101890601	Gear Case (passenger side)	1
26	101890501	Gear Case (driver side)	1
27	101926901	Bolt, Flanged, M8 x 1.25 x 40 mm	15
28	1012896	Pin, Dowel	2
29	1013759	Plug, Drain (includes item 30)	2
30	1016432	Gasket	1
31	1012711	Breather	1
32	101928701	Gasket, Liquid, 8.8 oz. (250 grams)	A/R

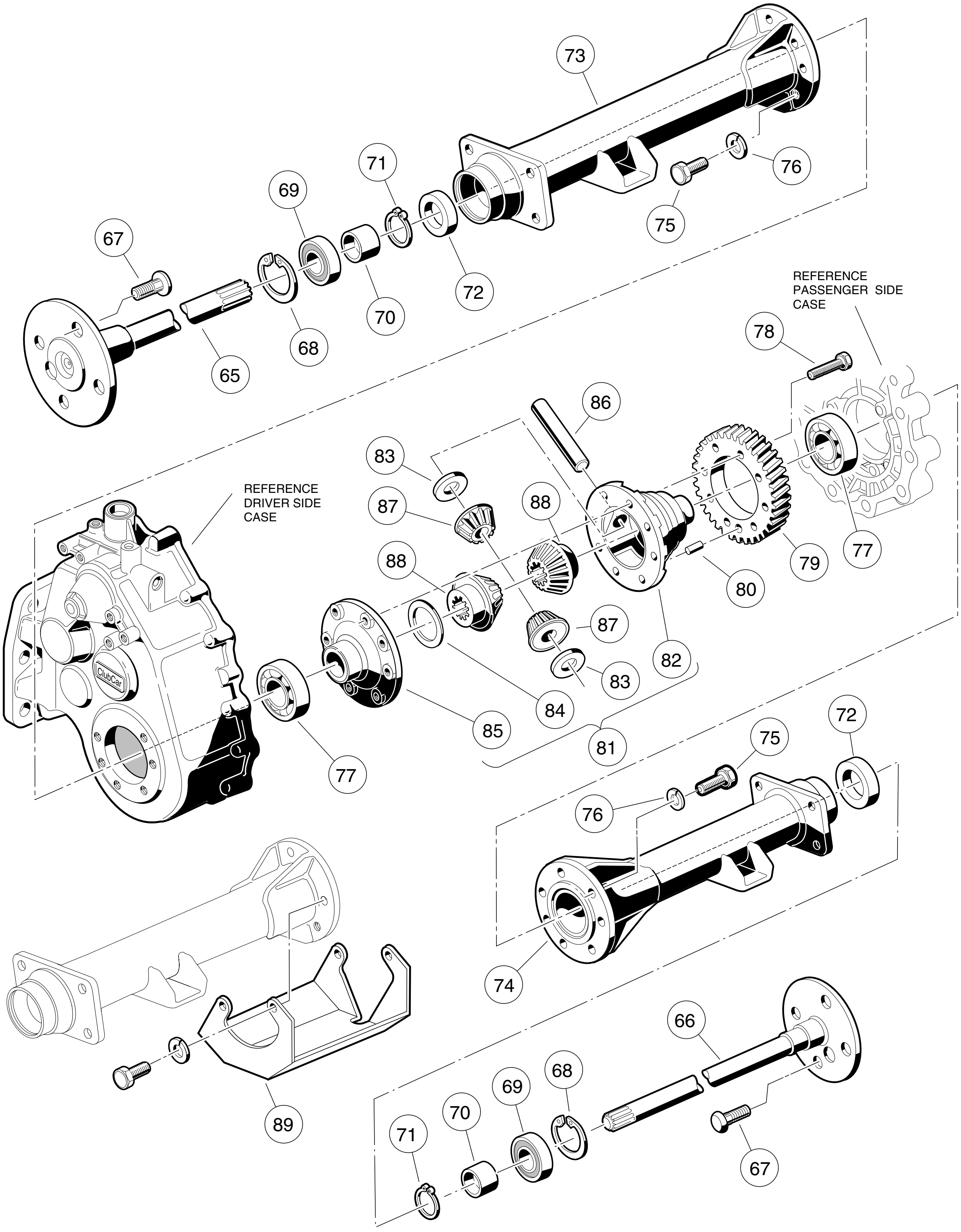
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REFERENCE
DRIVER SIDE
CASE
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62
REFERENCE
PASSENGER SIDE
CASE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
33	101892001	Rod, Shift	1
34	101890001	Fork, Shift	1
35	1012748	Spring	1
36	1012747	Ball, Steel	1
37	101889401	Guide	1
38	AM10080	Bearing, Ball	2
39	1016338	Washer, Spring	2
40	101892401	Gear, Spur	1
41	101892201	Plate, Thrust	3
42	101980901	Gear Assembly, Input, 28 Tooth (16°)	1
43	101927601	Bearing, Needle	3
44	101927501	Bearing, Needle	1
45	101981001	Ring, Synchronizer (16°)	2
46	1012741	Spring, Synchronizer	2
47	101928001	Hub, Synchronizer Clutch	1
48	1012740	Insert, Synchronizer	3
49	101927901	Sleeve, Synchronizer	1
50	101927701	Pin, Dowel	1
51	101889901	Shaft, Input	1
52	101980801	Gear Assembly, Input, 25 Tooth (16°)	1
53	1016337	Washer, Thrust	1
54	AM10081	Bearing, Ball	1
55	1012714	Seal, Oil, Input Shaft	1
56	101892601	Gear, 17 Tooth	1
57	101893201	Key	1
58	101892501	Gear, 61 Tooth	1
59	101928101	Bearing, Ball	1
60	101893901	Washer	1
61	101892301	Governor Assembly	1
62	101891601	Sleeve	1
63	101891901	Gear, Cluster Idler	1
64	7335	Bearing, Ball	2


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REFERENCE
PASSENGER SIDE
CASE
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REFERENCE
DRIVER SIDE
CASE
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UNITIZED TRANSAXLE – DIFFERENTIAL AND AXLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
65	101891501	Axle Assembly, Driver-Side (Includes items 67 - 71)	1
66	101891401	Axle Assembly, Passenger-Side (includes items 67 - 71)	1
67	1013787	Stud, Lug	4
68	1013792	Ring, Retaining	1
69	1011291	Bearing, Outer Axle Tube	1
70	1014207	Collar, 25 mm I. D.	1
71	1016672	Ring, Retaining	1
72	1013794	Seal, Oil	2
73	101891001	Assembly, Axle Tube, Driver-Side	1
74	101890901	Assembly, Axle Tube, Passenger-Side	1
75	1013790	Bolt, M10 x 1.5 x 30 mm	14
76	1013791	Washer, Lock, M10	14
77	7330	Bearing, Inner Axle Tube	2
78	101928301	Bolt, M8 x 1.25 x 37 mm	8
79	101892701	Gear, Output	1
80	1014193	Pin, Dowel	1
81	101910501	Kit, Differential Gear Case (includes items 82 - 85)	1
82	1013768	Case, Gear Carrier	1
83	1013774	Plate, Thrust (idler gear)	2
84	1013773	Plate, Thrust (differential gear)	1
85	1013769	Cover, Gear Case	1
86	1013772	Pin, Differential	1
87	1013770	Gear, Differential Idler	2
88	1013771	Gear, Differential	2
89	101932901	Guard, Unitized Transaxle (XRT and all Turf vehicles)	1

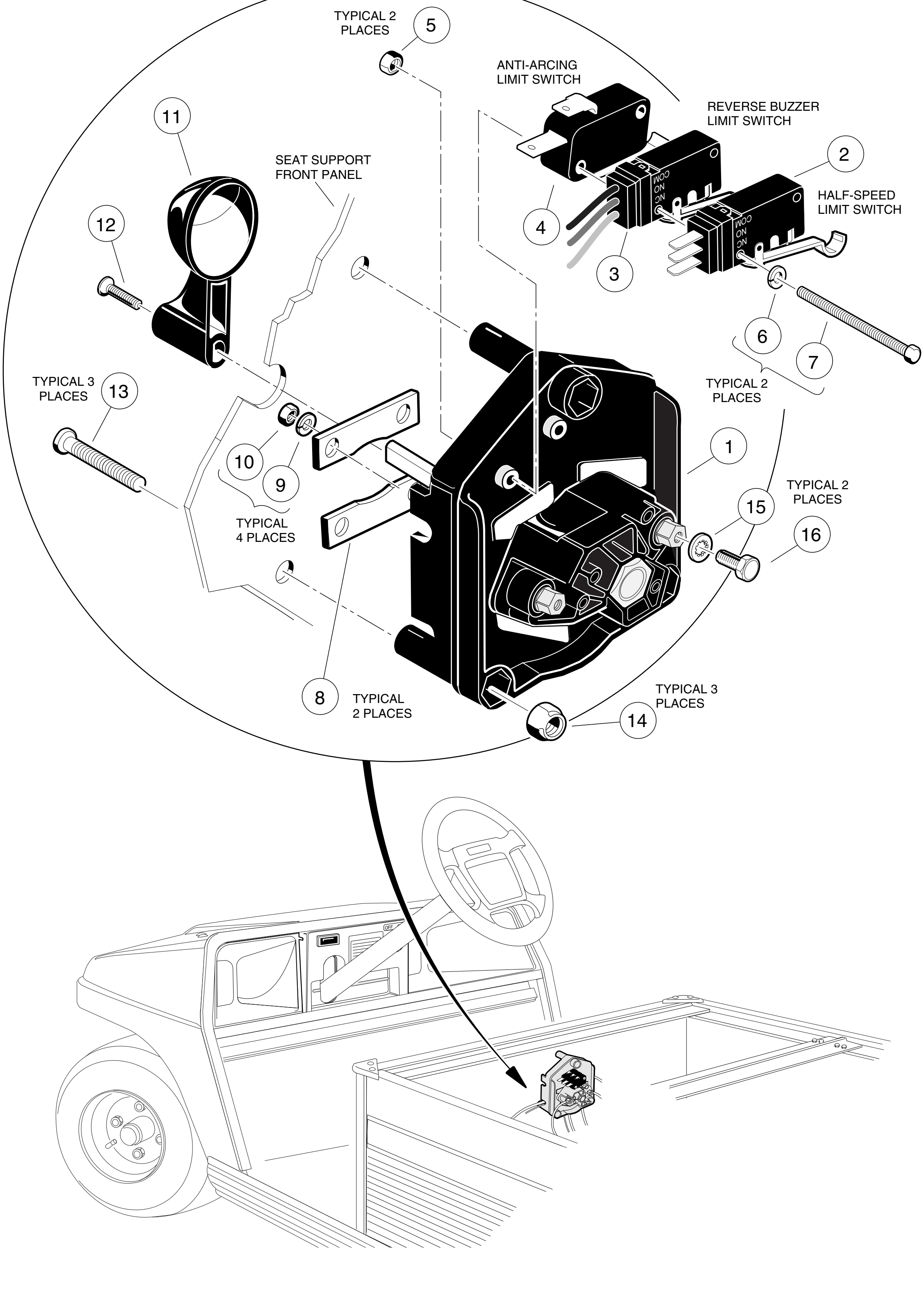
11

G

ELECTRICAL SYSTEM – ELECTRIC VEHICLE

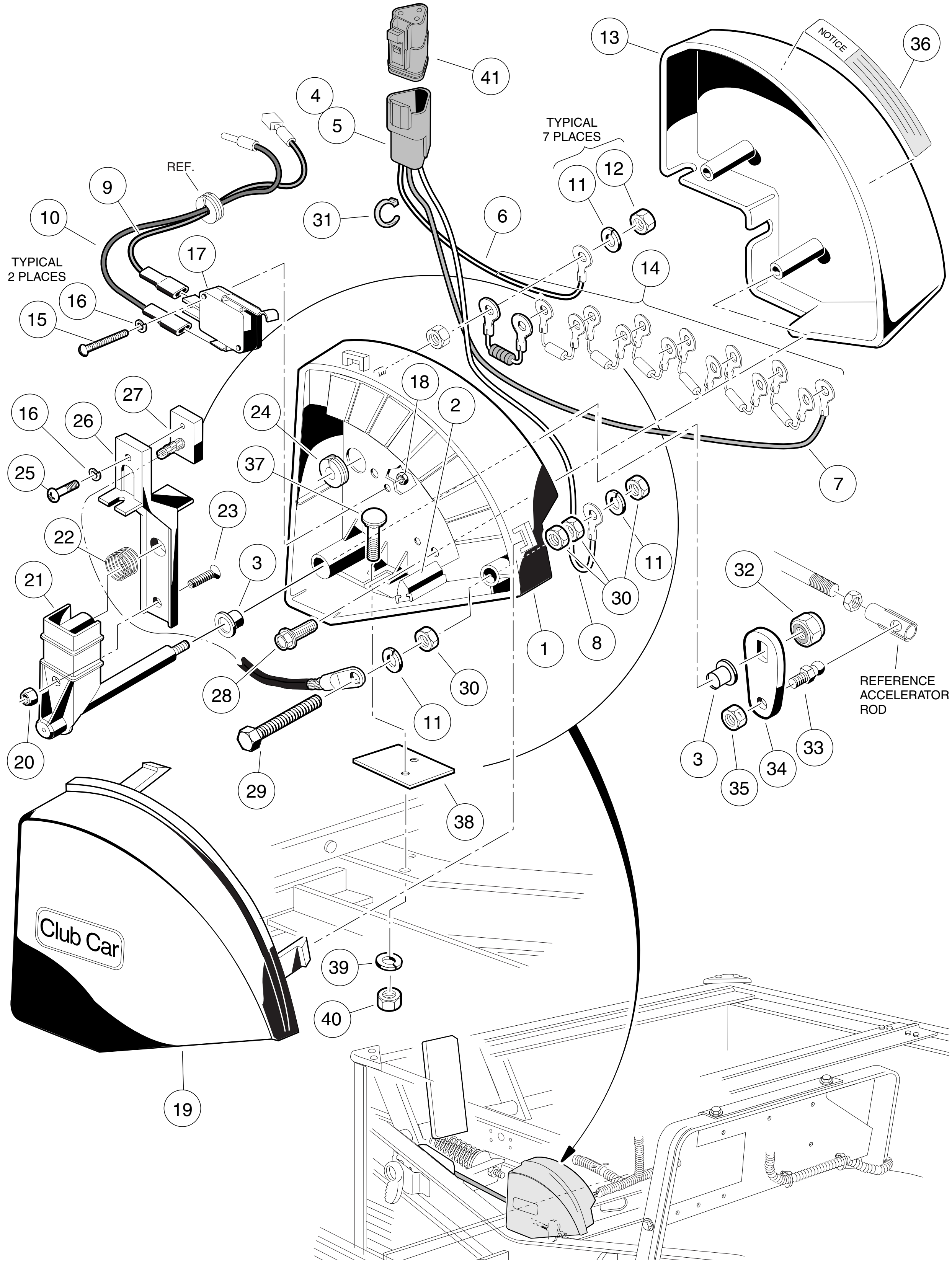
12

E


TYPICAL 2
PLACES
5
ANTI-ARCING
LIMIT SWITCH
REVERSE BUZZER
LIMIT SWITCH
11
SEAT SUPPORT
FRONT PANEL
2
HALF-SPEED
LIMIT SWITCH
12
4
3
6
7
TYPICAL 3
PLACES
13
TYPICAL 2
PLACES
10
9
1
TYPICAL
4 PLACES
TYPICAL 2
PLACES
15
16
8
TYPICAL
2 PLACES
TYPICAL 3
PLACES
14

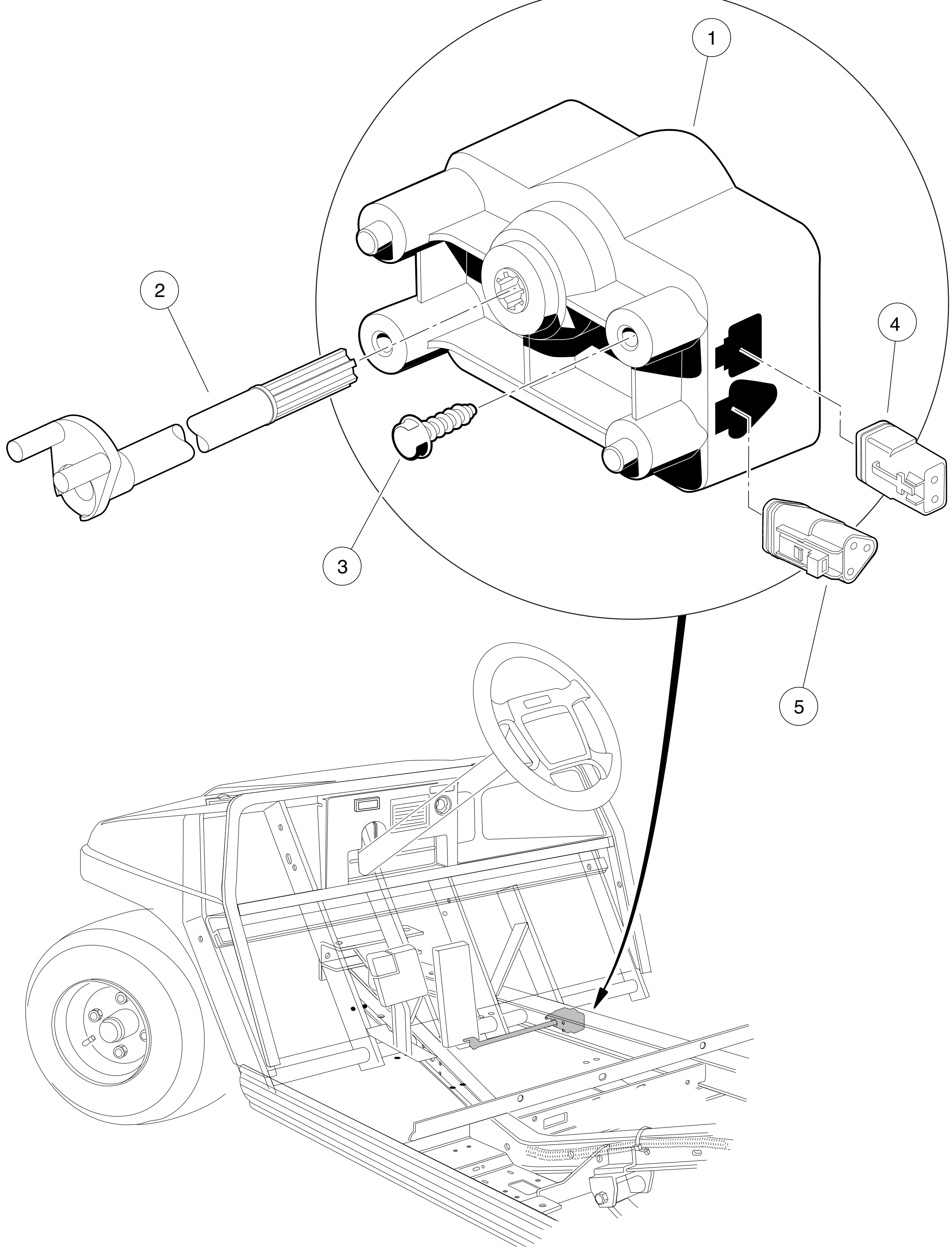
FORWARD/REVERSE SWITCH – POWERDRIVE SYSTEM 48 VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101753005	Assembly, Forward/Reverse Switch (includes items 2 - 10)	1
2	102250201	Switch, Limit, Sealed	1
3	101979101	Switch, Limit, Sealed	1
4	1014808	Switch, Limit	1
5	8057	Nut, Hex, #4-40	2
6	8058	Washer, Lock, #4	2
7	1014871	Screw, Hex Washer-Head, #4-40 x 2	2
8	1017799	Bar, Bus	2
9	451	Washer, Lock, 1/4	4
10	1028	Nut, Hex, 1/4-20	4
11	1012987	Handle, Forward/Reverse Switch	1
12	1013198	Screw, Phillips-Head Machine, #8-32 x 5/8	1
13	1016845	Screw, Phillips Truss-Head, 1/4-20 x 2-1/8	3
14	8233	Nut, Nylon Lock, 1/4-20	3
15	8049	Washer, Internal Tooth Lock, #10	2
16	8450	Screw, Hex-Head Machine, #10-24 x 1/2	2


NOTICE
TYPICAL
7 PLACES
REF.
TYPICAL
2 PLACES
REFERENCE
ACCELERATOR
ROD
Club Car
1
2
3
4
5
6
7
8
9
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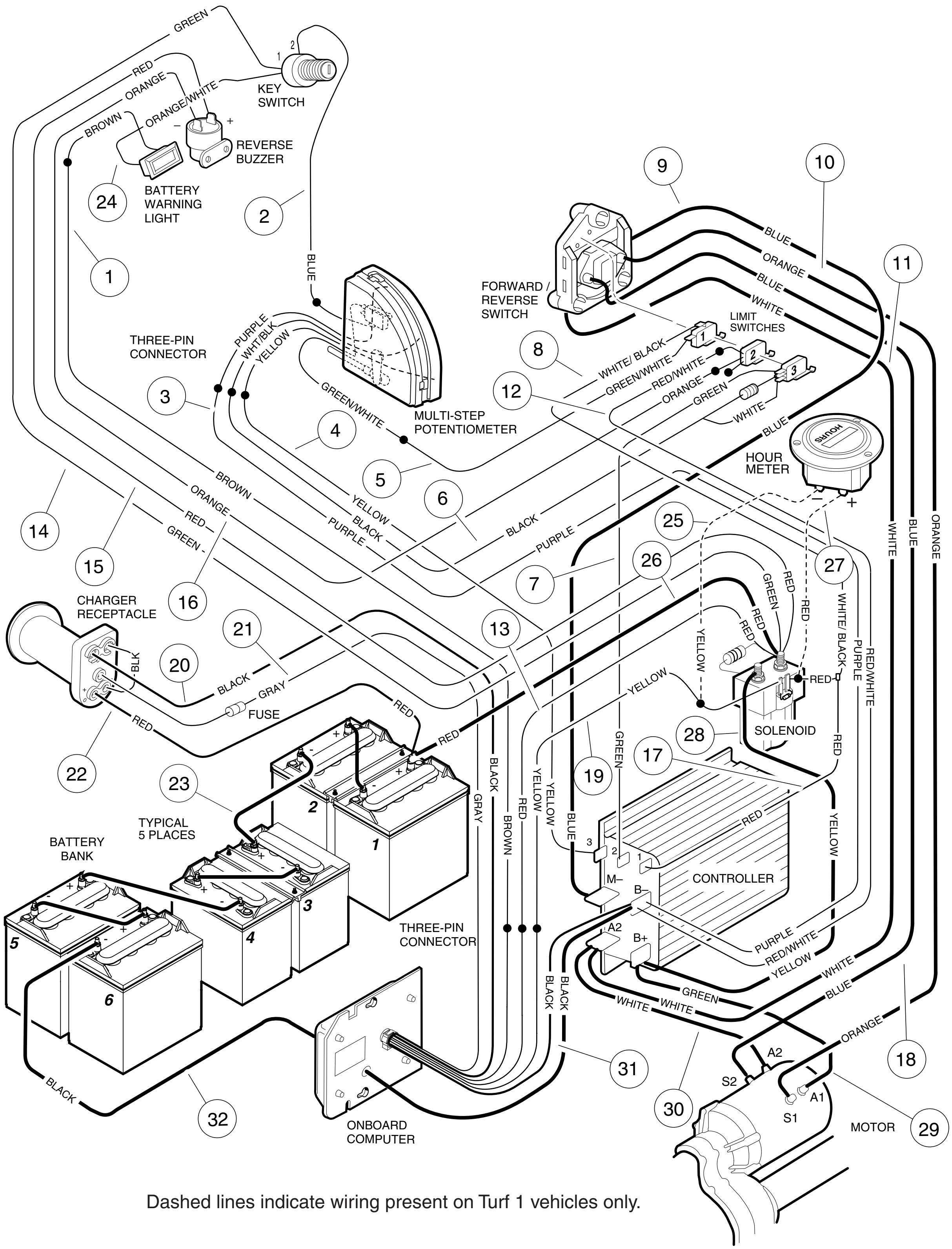
MULTI-STEP POTENTIOMETER – TURF/ CARRYALL 1 POWERDRIVE SYSTEM 48 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers lower than 0112-001470.	
	101932001	Assembly, Wiper Switch (includes items 1 - 36)	1
1	1014999	Assembly, Wiper Switch Case, 6-Speed (includes items 2 and 3)	1
2	1014414	Bumper, Wiper Switch	1
3	1012903	Bearing, Bronze	2
4	101932801	Assembly, 3-Wire and Receptacle (includes items 5 - 8)	1
5	101942301	Kit, 3-Pin Receptacle	1
6	N/A	Wire Assembly, #18 White/Black	1
7	N/A	Wire Assembly, #18 Purple	1
8	N/A	Wire Assembly, #18 Yellow	1
9	N/A	Wire Assembly, #18 Green/White	1
10	N/A	Wire Assembly, #18 Blue	1
11	451	Washer, Lock, 1/4	9
12	1028	Nut, Hex, 1/4-20	7
13	101946901	Protector, Wiper Switch Resistor	1
14	101971101	Kit, Resistor Assembly	1
15	8056	Screw, Round-Head Machine, #4-40 x 3/4	2
16	8058	Washer, Lock, #4	3
17	1014807	Switch, Limit	1
18	8057	Nut, Hex, #4-40	2
19	1013886	Cover, Wiper Switch	1
20	1013061	Nut, Nylon Lock, #10-32	1
21	1014017	Carrier, Wiper Switch Arm	1
22	1013998	Spring, Wiper Switch Brush	1
23	1014000	Stud, Wiper Switch Adjusting	1
24	1014010	Grommet, Split	1
25	1014019	Screw, Self-Tapping, #4-40 x 3/8	1
26	1013887	Arm, Speed Switch	1
27	1013860	Assembly, Switch Brush	1
28	1013461	Screw, Hex-Head Hi-Lo, #10-16 x 1/2	2
29	1014189	Screw, Hex-Head Cap, 1/4-20 x 2	1
30	1014253	Nut, Brass Hex Jam, 1/4-20	4
31	8990	Tie, Wire	1
32	7473	Nut, Nylon Lock, 5/16-18	1
33	1012353	Stud, Short Ball, 1/4-28	1
34	1014003	Crank, Bell	1
35	8449	Nut, Dimpled Lock, 1/4-28	1
36	101610901	Decal, Wiper Switch Warning	1
37	1014109	Bolt, Carriage, #10-24 x 1	2
38	101949201	Shim, Wiper Switch	1
39	1016175	Washer, Lock, #10	2
40	1017	Nut, Hex, #10-24	2
41	101920101	Kit, 3-Pin Plug and Wedge Lock	1


1
2
3
4
5

MOTOR CONTROLLER OUTPUT REGULATOR (MCOR)

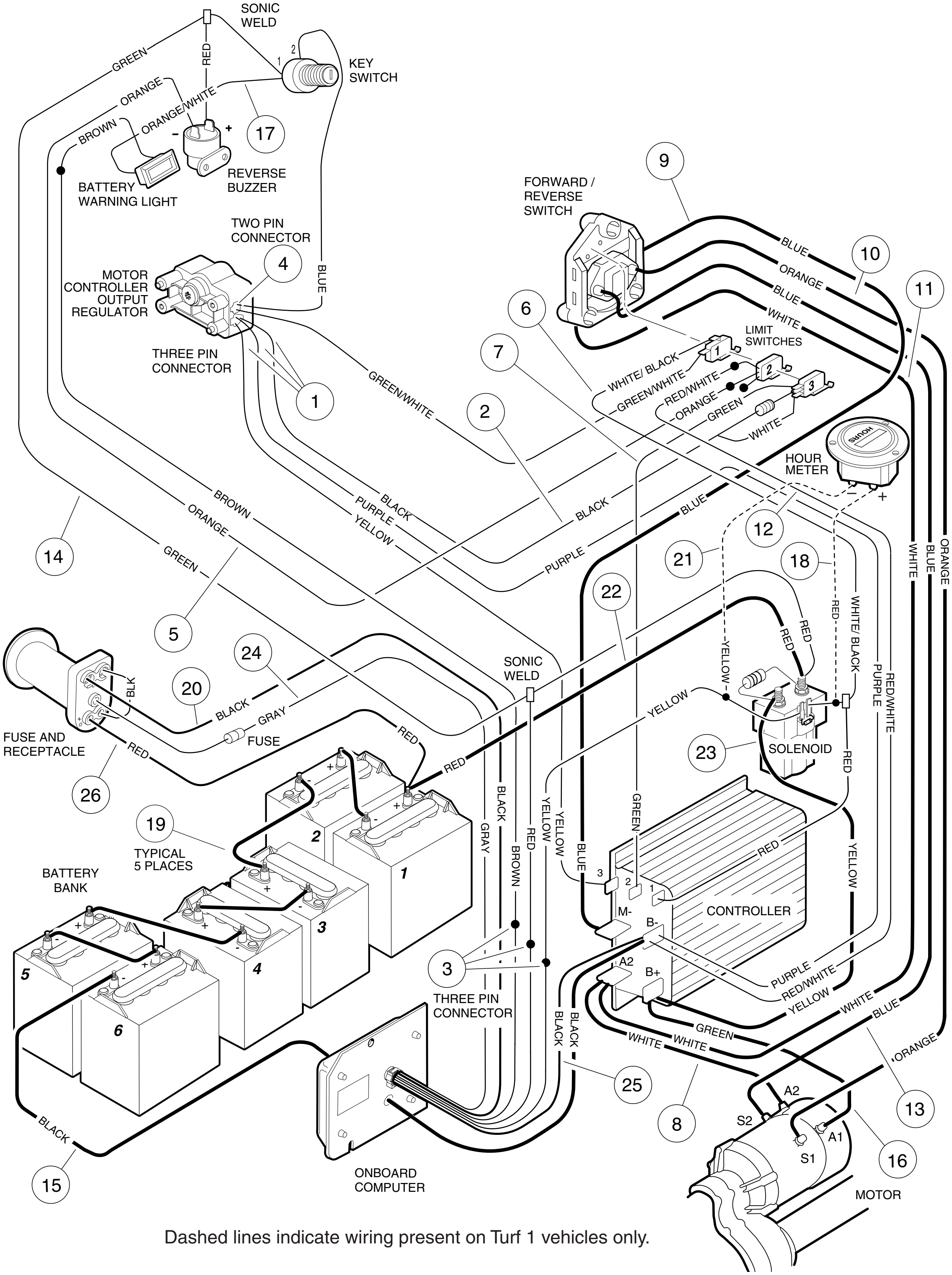
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers 0112-001470 and greater.	
1	102101101	Regulator, Motor Controller Output (MCOR)	1
2	102101001	Bar, Drive	1
3	1015752	Screw, Hex-Head, Hi-Lo, #12-16 x 5/8	2
4	101936801	Kit, 2-Pin Plug and Wedge Lock	1
5	101920101	Kit, 3-Pin Plug and Wedge Lock	1



Dashed lines indicate wiring present on Turf 1 vehicles only.

WIRING – TURF/CARRYALL 1 POWERDRIVE VEHICLE WITH MULTI-STEP POTENTIOMETER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers lower than 0112-001470.	
	101911004	Wire Harness (includes items 1 - 19)	1
1	N/A	Wire Assembly, #18 Brown	1
2	N/A	Wire Assembly, #18 Blue	1
3	N/A	Wire Assembly, #18 Purple	1
4	N/A	Wire Assembly, #18 Yellow	1
5	N/A	Wire Assembly, #18 Green/White	1
6	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
7	N/A	Wire Assembly, #18 Green	1
8	N/A	Wire Assembly, #18 White/Black	1
9	101901401	Wire Assembly, #6 Blue	1
10	101901201	Wire Assembly, #6 Orange	1
11	101911101	Wire Assembly, #6 White	1
12	N/A	Wire Assembly, #18 Red/White	1
13	N/A	Wire Assembly, #18 Red	1
14	N/A	Wire Assembly, #18 Green	1
15	N/A	Wire Assembly, #18 Red	1
16	N/A	Wire Assembly, #18 Orange	1
17	N/A	Wire Assembly, #18 Red	1
18	101901301	Wire Assembly, #6 Blue	1
19	N/A	Wire Assembly, #18 Yellow	1
20	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
21	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
22	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1
23	101795701	Wire Assembly, #6 Black	5
24	N/A	Wire Assembly, #18 Orange/White (part of battery light)	1
25	N/A	Wire Assembly, #18 Yellow	1
26	101902801	Wire Assembly, #6 Red	1
27	N/A	Wire Assembly, #18 Red	1
28	101903001	Wire Assembly, #6 Yellow	1
29	101902901	Wire Assembly, #6 Green	1
30	1014856	Wire Assembly, #6 White	1
31	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
32	101827801	Kit, Wire and Terminal, #6 Black	1



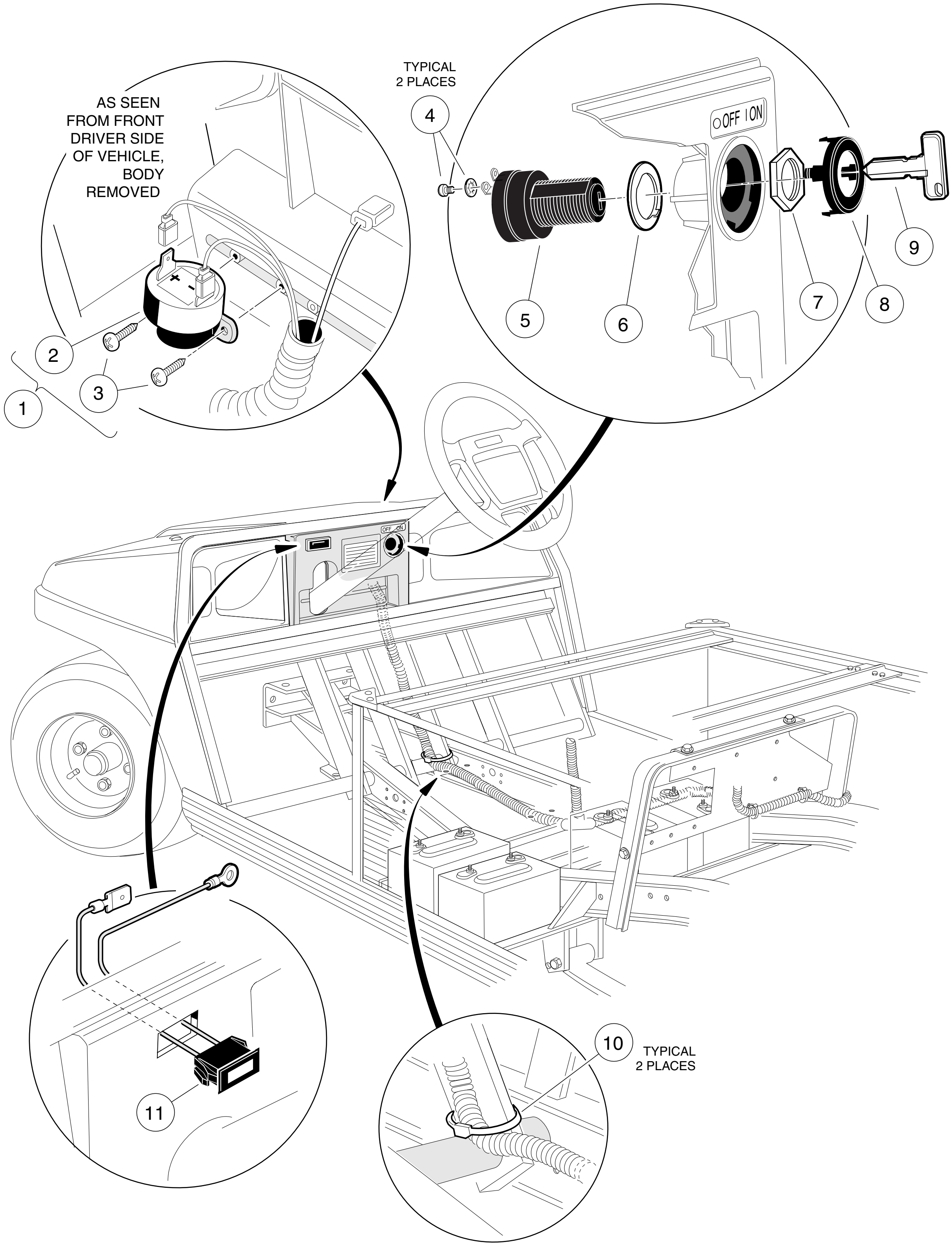
Dashed lines indicate wiring present on Turf 1 vehicles only.

WIRING – TURF/CARRYALL 1 POWERDRIVE VEHICLE WITH MOTOR CONTROLLER OUTPUT REGULATOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers 0112-001470 and greater.	
	102162102	Wire Harness (includes items 1 - 15)	1
1	101865106	Assembly, 3-Wire Plug (includes item 2)	1
2	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
3	101930801	Assembly, 3-Pin Plug	1
4	101936801	Kit, 2-Pin Plug and Wedge Lock	1
5	N/A	Wire Assembly, #18 Orange	1
6	N/A	Wire Assembly, #18 Red, #18 White/Black	1
7	N/A	Wire Assembly, #18 Green	1
8	101911101	Wire Assembly, #6 White	1
9	101901401	Wire Assembly, #6 Blue	1
10	101901201	Wire Assembly, #6 Orange	1
11	101901501	Wire Assembly, #6 White	1
12	N/A	Wire Assembly, #18 Red/White	1
13	101901301	Wire Assembly, #6 Blue	1
14	N/A	Wire Assembly, #18 Green, #18 Red, #18 Red	1
15	101827801	Kit, Wire and Terminal, #6 Black	1
16	101902901	Wire Assembly, #6 Green	1
17	N/A	Wire Assembly, #18 Orange/White (part of battery warning light)	1
18	N/A	Wire Assembly, #18 Red	1
19	101795701	Wire Assembly, #6 Black	5
20	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
21	N/A	Wire Assembly, #18 Yellow	1
22	101902801	Wire Assembly, #6 Red	1
23	101903001	Wire Assembly, #6 Yellow	1
24	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
25	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
26	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1

12

E



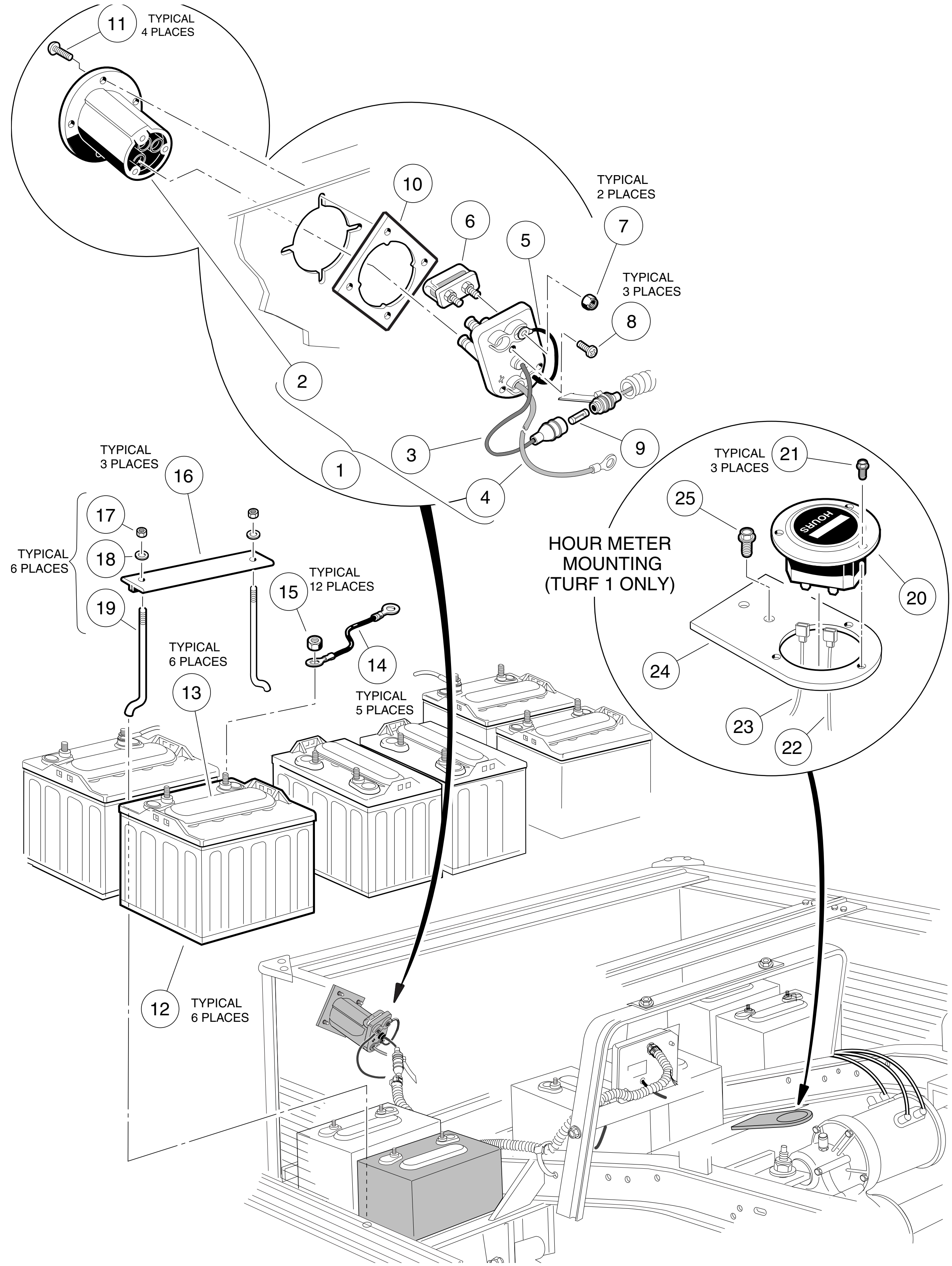
TYPICAL
2 PLACES
AS SEEN
FROM FRONT
DRIVER SIDE
OF VEHICLE,
BODY
REMOVED
4
OFF ON
9
2
5
6
7
8
3
1
OFF ON
10
TYPICAL
2 PLACES
11

ELECTRICAL COMPONENTS, FRONT BODY – TURF/CARRYALL 1 AND 2 POWERDRIVE VEHICLE

12

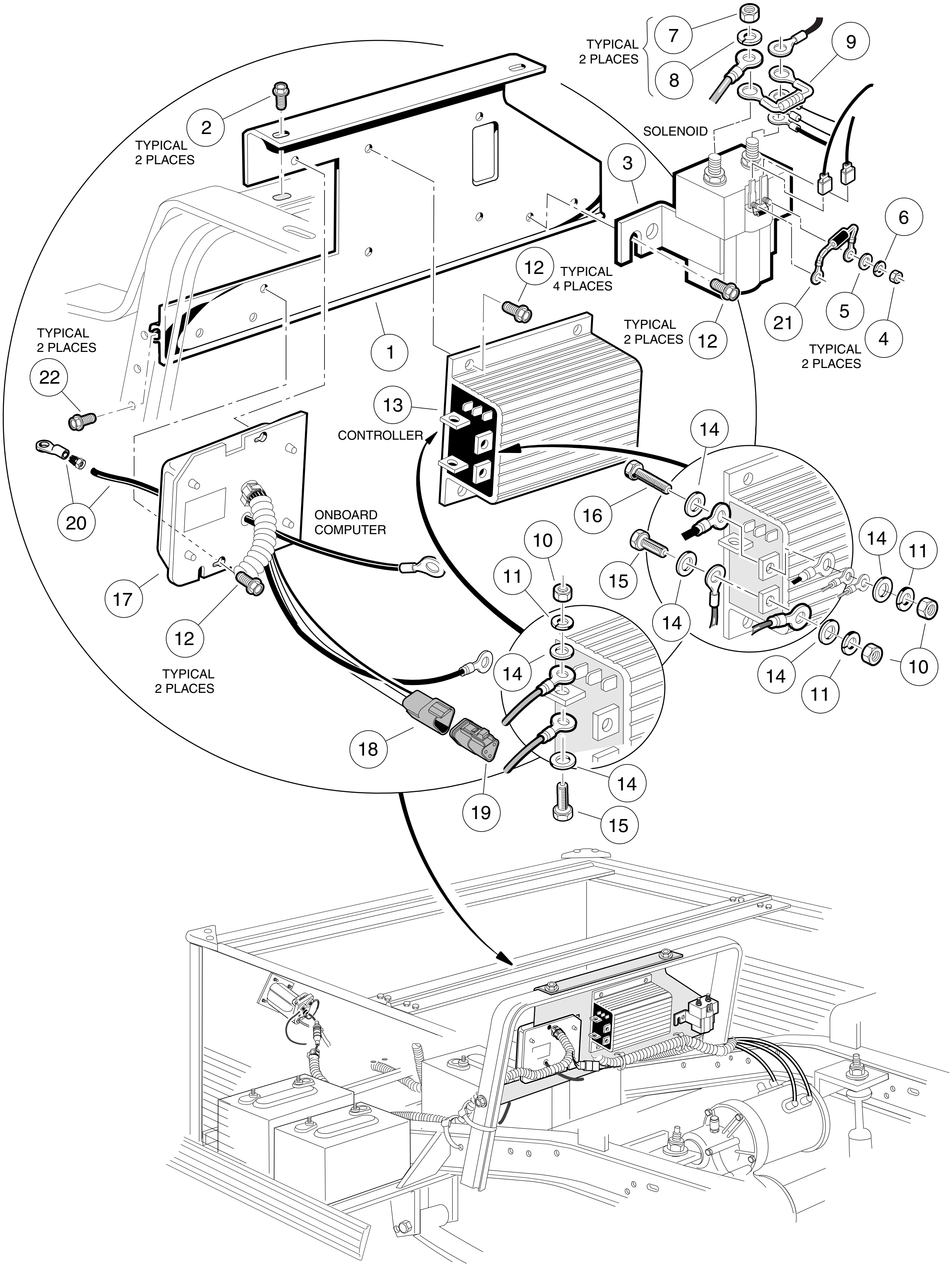
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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016859	Kit, Reverse Buzzer (includes items 2 and 3)	1
2	1016851	Buzzer, Reverse	1
3	1016849	Screw, Pan-Head Hi-Lo, #4-24 x 5/16	2
4	101830601	Assembly, Screw and Washer	2
5	101826201	Switch, Key	1
6	101851101	Washer, Key Switch	1
7	101830701	Nut, Key Switch	1
8	101834502	Cap, Key Switch	1
9	1012505	Key (pair)	1
10	8990	Tie, Wire	2
11	101935501	Light, Battery Warning (amber)	1
		See page 12-45 for headlight assembly for Turf 2 vehicles.	


11
TYPICAL
4 PLACES
10
6
5
TYPICAL
2 PLACES
7
TYPICAL
3 PLACES
8
2
3
9
1
4
TYPICAL
3 PLACES
16
17
18
TYPICAL
6 PLACES
19
TYPICAL
12 PLACES
15
14
TYPICAL
6 PLACES
13
TYPICAL
5 PLACES
12
TYPICAL
6 PLACES
TYPICAL
3 PLACES
21
25
HOURS
HOUR METER
MOUNTING
(TURF 1 ONLY)
20
24
23
22

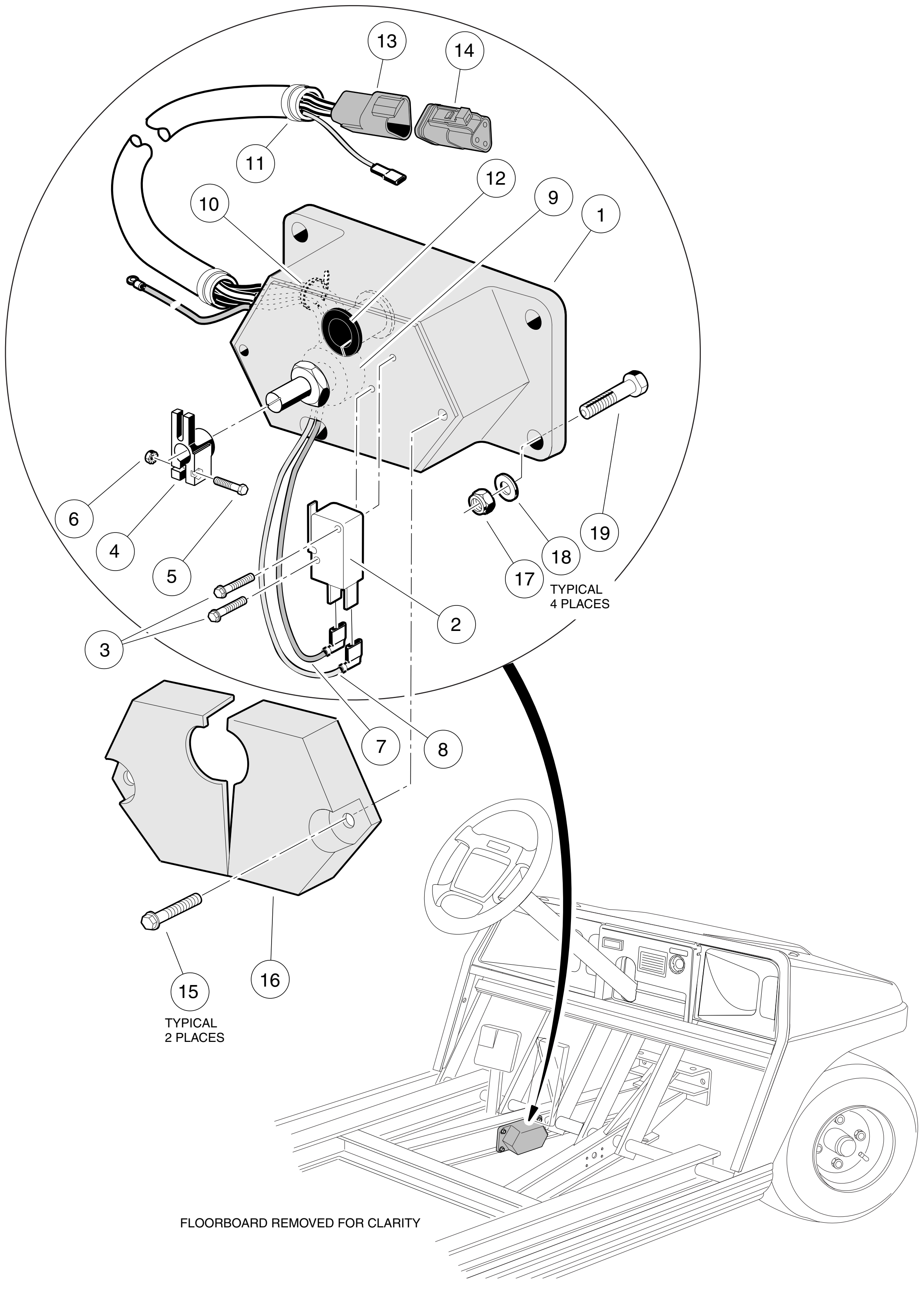
BATTERIES, CHARGER RECEPTACLE – TURF/ CARRYALL 1 POWERDRIVE SYSTEM 48 VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101802101	Kit, Fuse and Receptacle (includes items 2 - 9)	1
2	101796501	Bezel, Receptacle	1
3	N/A	Wire Assembly, Sense Lead, Gray	1
4	N/A	Wire Assembly, #10 Red	1
5	N/A	Wire Assembly, #10 Black	1
6	101796801	Assembly, Fuse, 48-Volt (includes item 7)	1
7	1013061	Nut, Nylon Lock, #10	2
8	1017705	Screw, Phillips Pan-Head, #8 Type AB	3
9	101894901	Fuse, 3/8-Amp	1
10	101801001	Plate, Receptacle Backing	1
11	101832001	Screw, Phillips Pan-Head, #7-18 x 3/4	4
12	101797701	Battery, 8-Volt PowerDrive (includes item 13)	6
12	101797702	Battery, 8-Volt PowerDrive, Dry (includes item 13)	6
13	101797801	Cap, Battery, 4-Port Gang	1
14	101795701	Wire Assembly, #6 Black	5
15	1014304	Nut, Hex, Stainless Steel, 5/16-18	12
16	101090801	Hold-Down, Battery	3
17	1015072	Nut, Nylon Lock, Stainless Steel, 5/16-18	6
18	1011578	Washer, Flat, Type B Wide, 5/16	6
19	1013683	J-Bolt	6
20	1016877	Meter, Hour	1
21	1014540	Screw, Thread-Rolling, #6-32 x 3/8	3
22	N/A	Wire Assembly, #18 Yellow	1
23	N/A	Wire Assembly, #18 Red	1
24	1013547	Bracket, Hour Meter	1
25	1012285	Screw, Hex Washer-Head, 1/4-20	1


TYPICAL
2 PLACES
7
8
9
SOLENOID
2
TYPICAL
2 PLACES
3
6
12
TYPICAL
4 PLACES
TYPICAL
2 PLACES
12
21
5
4
TYPICAL
2 PLACES
TYPICAL
2 PLACES
1
22
13
CONTROLLER
14
20
ONBOARD
COMPUTER
16
10
14
11
11
15
17
12
TYPICAL
2 PLACES
14
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COMPUTER, CONTROLLER, AND SOLENOID – TURF/ CARRYALL 1 POWERDRIVE SYSTEM 48 VEHICLE

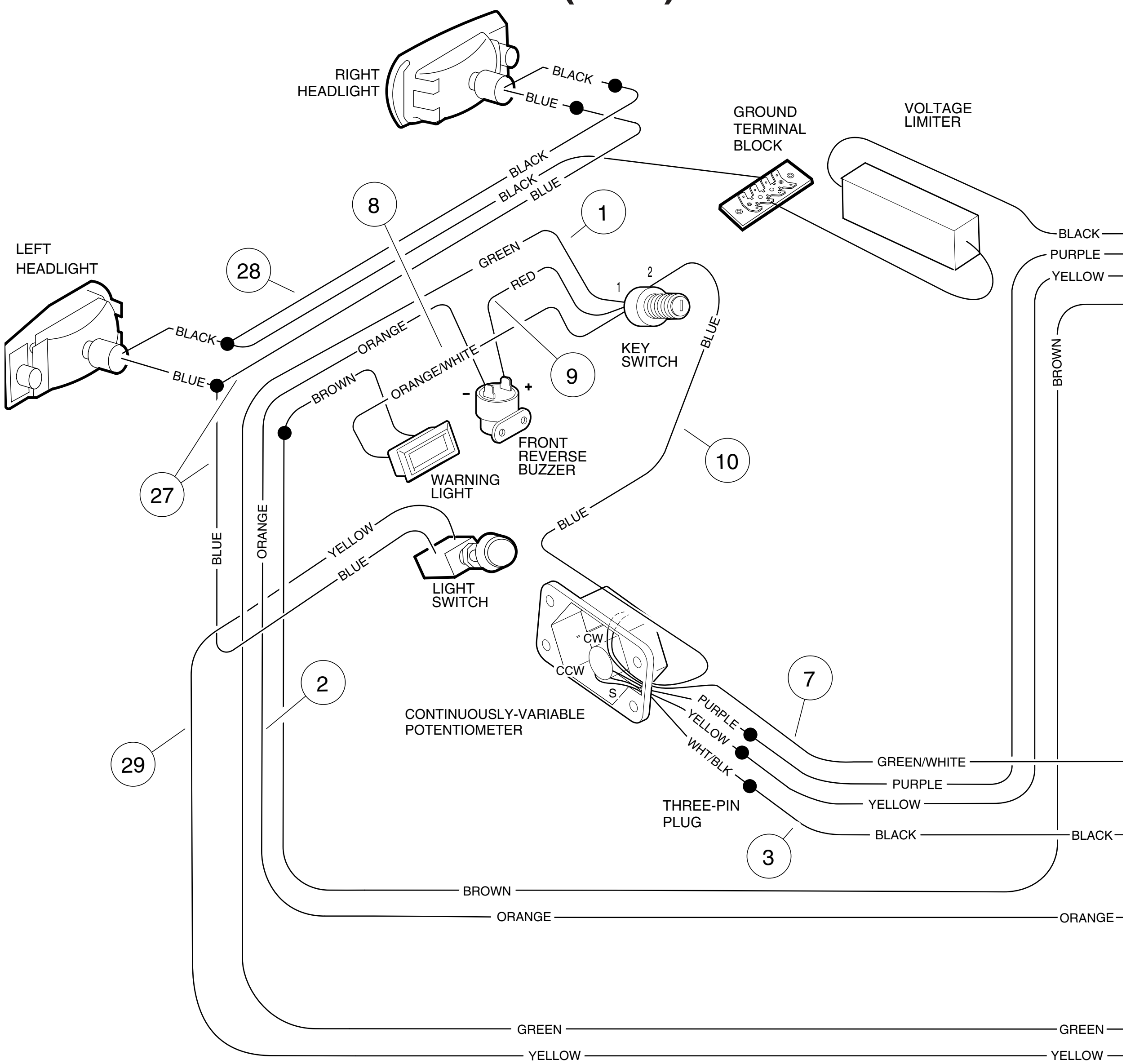
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101965201	Plate, Component Mounting	1
2	1014288	Screw, Thread-Forming, 5/16-18 x 3/4	2
3	101908701	Solenoid, 48-Volt (with diode) (includes items 4 - 8)	1
4	1016545	Nut, Hex, M5 x .8	2
5	N/A	Washer, Flat	2
6	N/A	Washer, Lock	2
7	1012528	Nut, Hex, M8	2
8	7174	Washer, Lock, 5/16	2
9	1014947	Assembly, Resistor	1
10	1242	Nut, Hex, 5/16-18	3
11	7174	Washer, Lock, 5/16	3
12	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8	8
13	101840203	Controller, 48-Volt (300-amp)	1
14	1241	Washer, Flat, 5/16	6
15	7173	Screw, Hex-Head Cap, 5/16-18 x 3/4	2
16	1218	Screw, Hex-Head Cap, 5/16-18 x 1-1/4	1
17	101909901	Computer, Onboard (includes item 18)	1
18	101942301	Connector, 3-Pin	1
19	101920101	Kit, 3-Pin Plug and Wedge Lock	1
20	101827801	Kit, Wire and Terminal, #6 Black	1
21	1014948	Assembly, Diode (Service Part replacement for existing diode that comes standard with solenoid)	1
22	101910401	Screw, Thread-Forming, 5/16-18 x 1-1/4	2

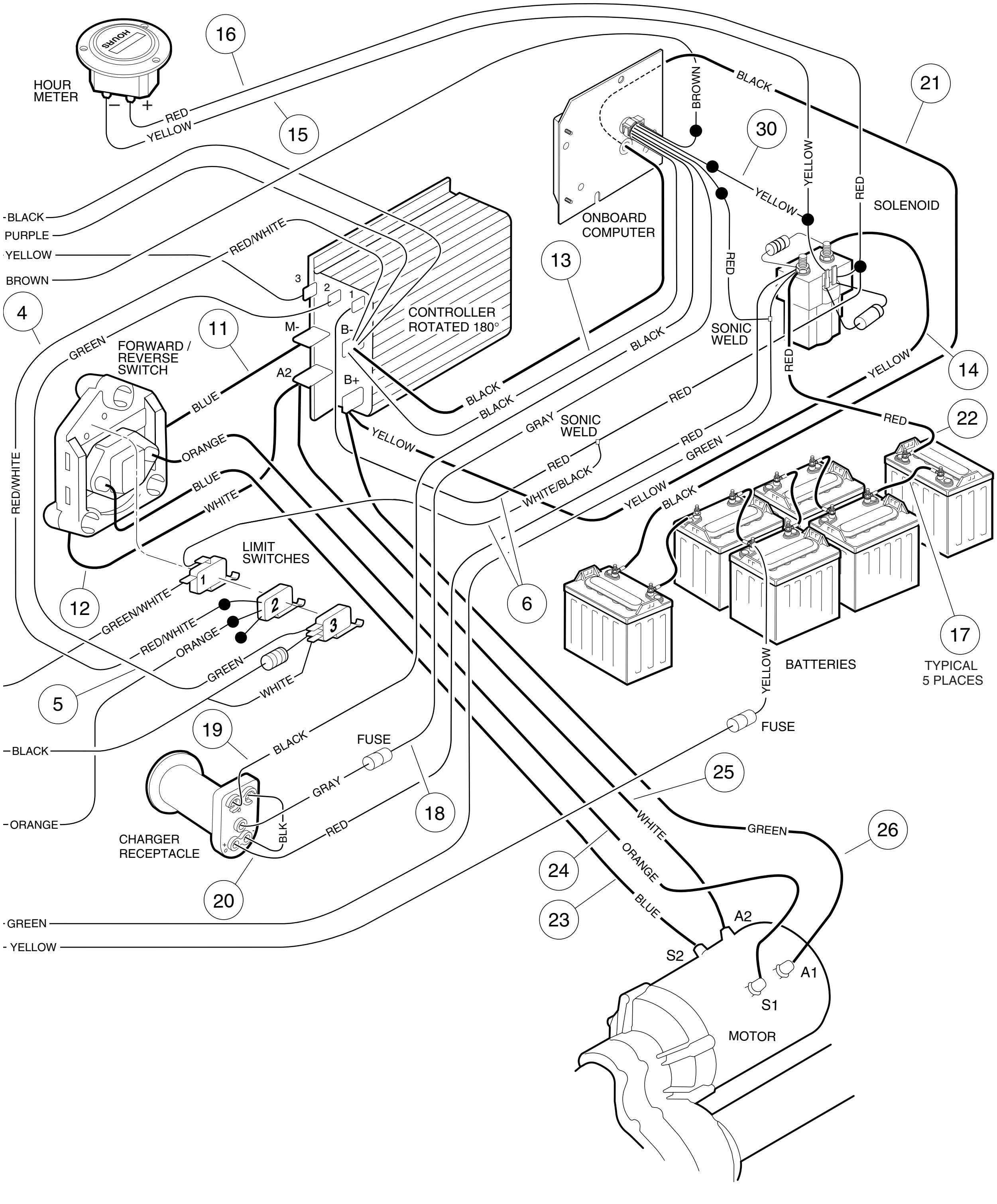

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14
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19
6
4
5
18
17
TYPICAL
4 PLACES
2
3
7
8
16
15
TYPICAL
2 PLACES
FLOORBOARD REMOVED FOR CLARITY

CONTINUOUSLY VARIABLE POTENTIOMETER – TURF/ CARRYALL 2 AND CARRYALL 6 POWERDRIVE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4 For vehicles with serial numbers lower than 0112-001470.	
	101739201	Assembly, Potentiometer Housing with Gray Plug (includes items 1 - 13)	1
1	N/A	Housing, Potentiometer	1
2	1017830	Switch, Limit	1
3	101822601	Screw, Hex Washer-Head Thread-Forming, #4-24	2
4	101809001	Lever, Potentiometer	1
5	1017853	Screw, Hex-Head, #6-32 x 3/4	1
6	1011229	Nut, K-Lock, #6-32	1
7	N/A	Wire Assembly, #18 Blue	1
8	N/A	Wire Assembly, #18 Green/White	1
9	N/A	Potentiometer	1
10	8990	Tie, Wire	3
11	N/A	Conduit, Electrical	1
12	1017424	Bearing, Pivot Support	1
13	101895101	Connector, 3-Pin	1
14	101920101	Kit, 3-Pin Plug and Wedge Lock	1
15	101804301	Screw, Hi-Lo Hex-Head, #8-18 x 1/2	2
16	1017743	Cover, Accelerator	1
17	8233	Nut, Nylon Lock, 1/4-20	4
18	332	Washer, Flat, 1/4	4
19	101861901	Screw, Hex-Head Cap, 1/4-20 x 1-1/8	4

ELECTRIC TURF 2 WIRING (CVP)




HOUR
METER
16
15
RED
YELLOW
BLACK
PURPLE
YELLOW
BROWN
RED/WHITE
4
GREEN
FORWARD /
REVERSE
SWITCH
11
BLUE
ORANGE
BLUE
WHITE
RED/WHITE
12
GREEN/WHITE
RED/WHITE
ORANGE
GREEN
WHITE
LIMIT
SWITCHES
5
BLACK
ORANGE
19
CHARGER
RECEPTACLE
20
BLK
GRAY
RED
FUSE
18
GREEN
YELLOW
CONTROLLER
ROTATED 180°
M-
A2
B-
B+
ONBOARD
COMPUTER
13
BROWN
BLACK
30
YELLOW
21
SOLENOID
SONIC
WELD
14
22
6
BATTERIES
17
TYPICAL
5 PLACES
FUSE
25
26
24
23
WHITE
ORANGE
BLUE
A2
S2
S1
A1
MOTOR

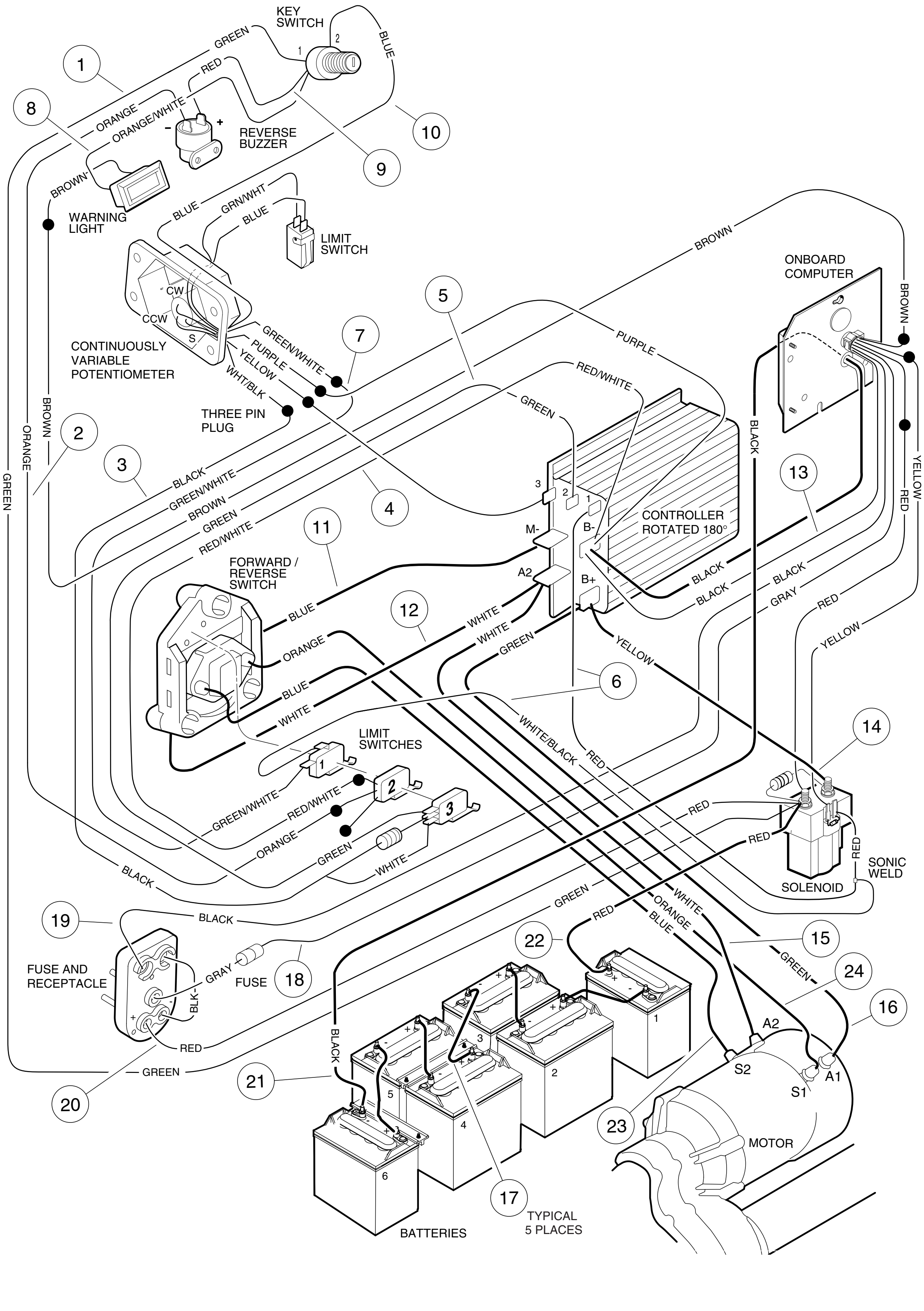
See previous two pages for wiring diagram.

WIRING – TURF 2 POWERDRIVE VEHICLE WITH CONTINUOUSLY VARIABLE POTENTIOMETER

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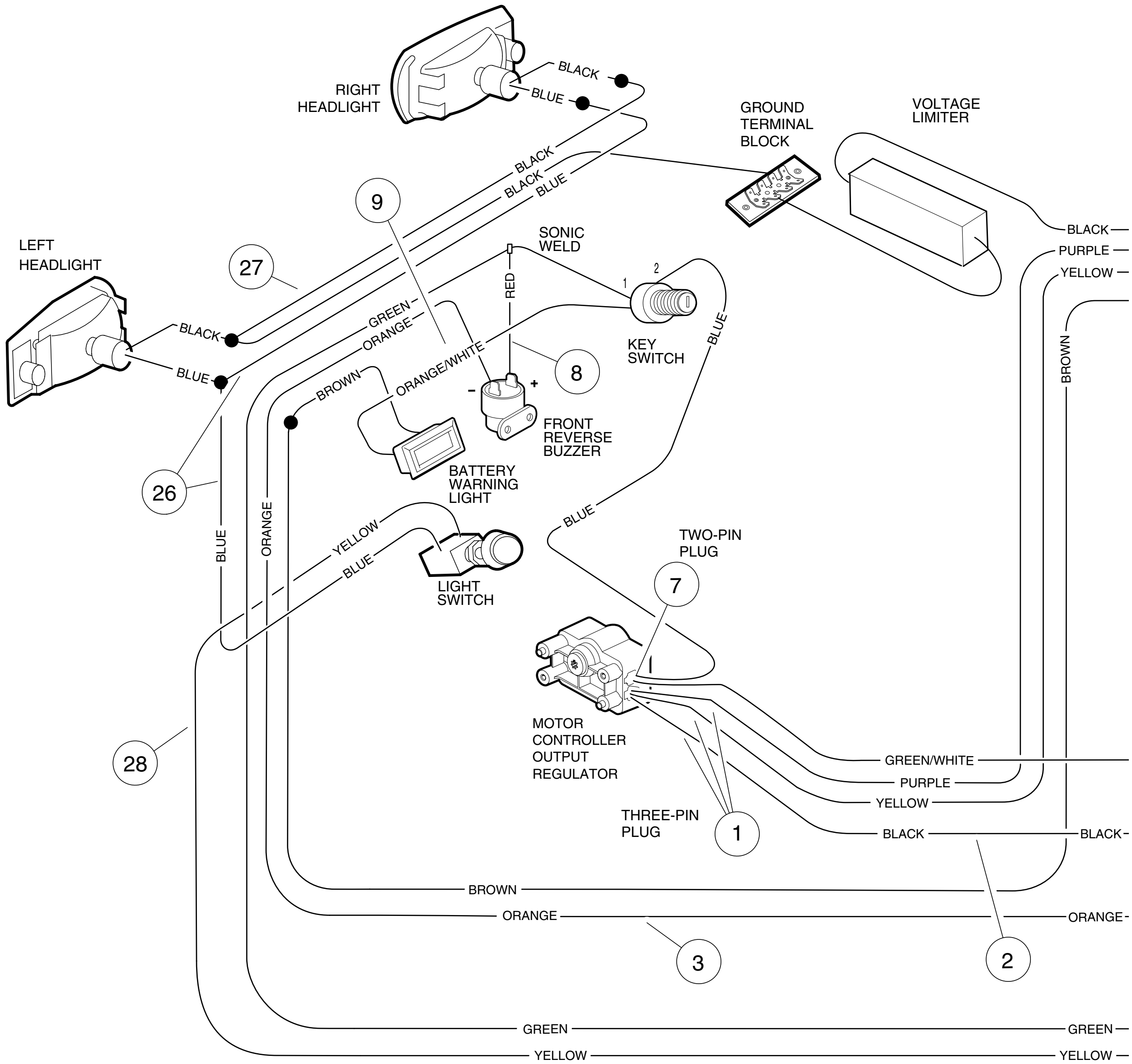
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers lower than 0112-001470.	
	101911601	Wire Harness (includes items 1 - 6)	1
1	N/A	Wire Assembly, #18 Green	1
2	N/A	Wire Assembly, #18 Orange	1
3	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
4	N/A	Wire Assembly, #18 Red/White	1
5	N/A	Wire Assembly, #18 Green	1
6	N/A	Wire Assembly, #18 Red, #18 White/Black	1
7	N/A	Wire Assembly, #18 Green/White	1
8	N/A	Wire Assembly, #18 Orange/White (part of battery light)	1
9	N/A	Wire Assembly, #18 Red	1
10	N/A	Wire Assembly, #18 Blue (part of potentiometer assembly)	1
11	101908801	Wire Assembly, #6 Blue	1
12	1016729	Wire Assembly, #6 White	1
13	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
14	1016732	Wire Assembly, #6 Yellow	1
15	N/A	Wire Assembly, #18 Yellow	1
16	N/A	Wire Assembly, #18 Red	1
17	101795701	Wire Assembly, #6 Black	5
18	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
19	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
20	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1
21	N/A	Wire Assembly, #6 Black	1
22	101904501	Wire Assembly, #6 Red	1
23	101904601	Wire Assembly, #6 Blue	1
24	101904701	Wire Assembly, #6 Orange	1
25	101908901	Wire Assembly, #6 White	1
26	101904401	Wire Assembly, #6 Green	1
	101828101	Wire Harness, Headlight (includes items 27 - 29)	1
27	N/A	Wire Assembly, #16 Blue	1
28	N/A	Wire Assembly, #16 Black	1
29	N/A	Wire Assembly, #16 Yellow	1
30	N/A	Wire Assembly, #18 Yellow	1

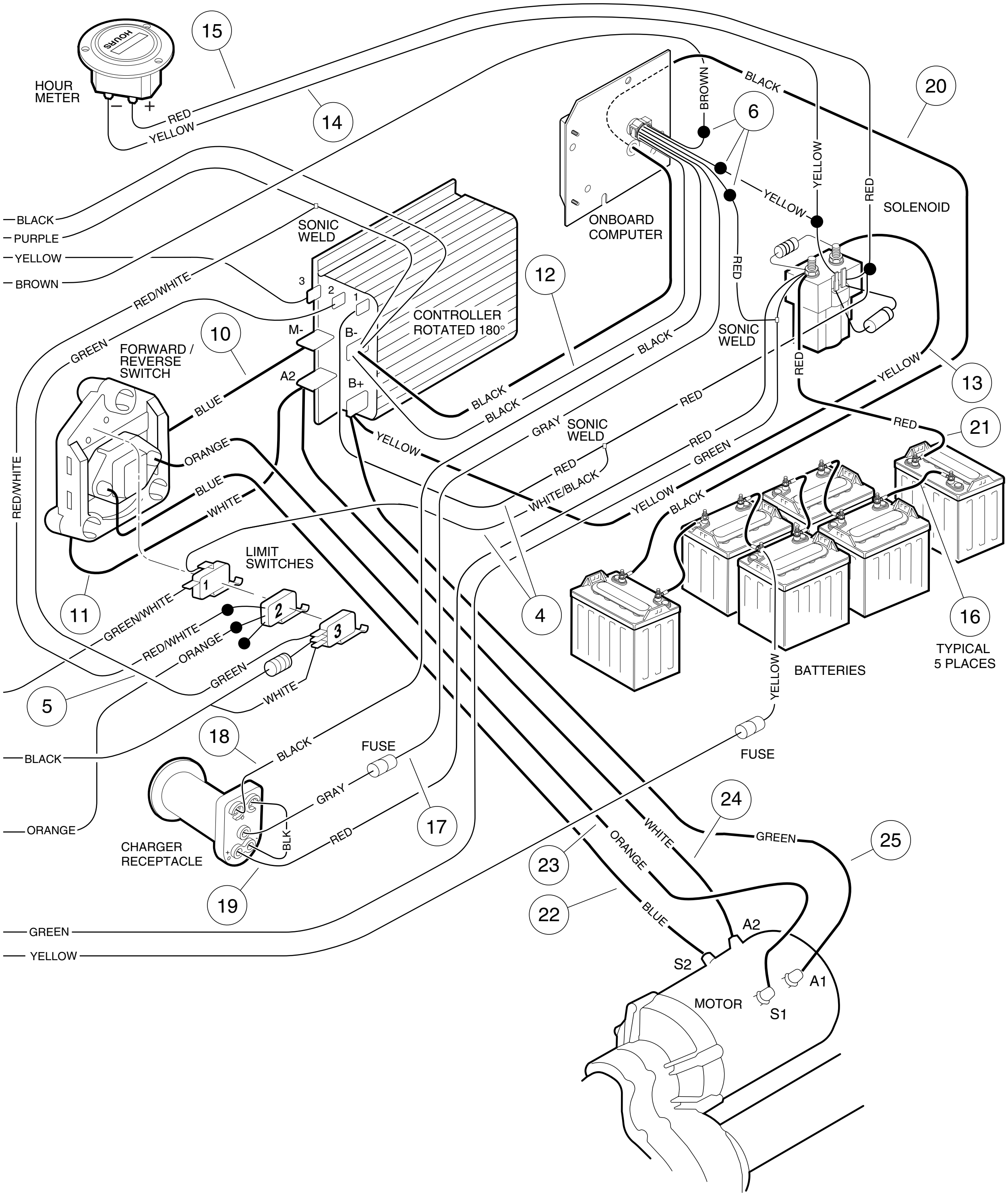

KEY SWITCH
REVERSE BUZZER
WARNING LIGHT
LIMIT SWITCH
ONBOARD COMPUTER
CONTINUOUSLY VARIABLE POTENTIOMETER
THREE PIN PLUG
CONTROLLER ROTATED 180°
FORWARD / REVERSE SWITCH
LIMIT SWITCHES
SOLENOID
SONIC WELD
FUSE AND RECEPTACLE
FUSE
BATTERIES
TYPICAL 5 PLACES
MOTOR
GREEN
ORANGE
ORANGE/WHITE
RED
BLUE
BROWN
GRN/WHT
PURPLE
GREEN/WHITE
YELLOW
WHT/BLK
BLACK
RED/WHITE
WHITE
GRAY
WHITE/BLACK
BLK
M-
A2
B-
B+
S1
S2
A1
CW
CCW
S
1
2
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23
24

WIRING – CARRYALL 2 POWERDRIVE VEHICLE WITH CONTINUOUSLY VARIABLE POTENTIOMETER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers lower than 0112-001470.	
	101911601	Wire Harness (includes items 1 - 6)	1
1	N/A	Wire Assembly, #18 Green	1
2	N/A	Wire Assembly, #18 Orange	1
3	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
4	N/A	Wire Assembly, #18 Red/White	1
5	N/A	Wire Assembly, #18 Green	1
6	N/A	Wire Assembly, #18 Red, #18 White/Black	1
7	N/A	Wire Assembly, #18 Green/White	1
8	N/A	Wire Assembly, #18 Orange/White (part of battery light)	1
9	N/A	Wire Assembly, #18 Red	1
10	N/A	Wire Assembly, #18 Blue (part of potentiometer assembly)	1
11	101908801	Wire Assembly, #6 Blue	1
12	1016729	Wire Assembly, #6 White	1
13	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
14	1016732	Wire Assembly, #6 Yellow	1
15	101908901	Wire Assembly, #6 White	1
16	101904401	Wire Assembly, #6 Green	1
17	101795701	Wire Assembly, #6 Black	5
18	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
19	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
20	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1
21	N/A	Wire Assembly, #6 Black	1
22	101904501	Wire Assembly, #6 Red	1
23	101904601	Wire Assembly, #6 Blue	1
24	101904701	Wire Assembly, #6 Orange	1

ELECTRIC TURF 2 WIRING (MCOR)

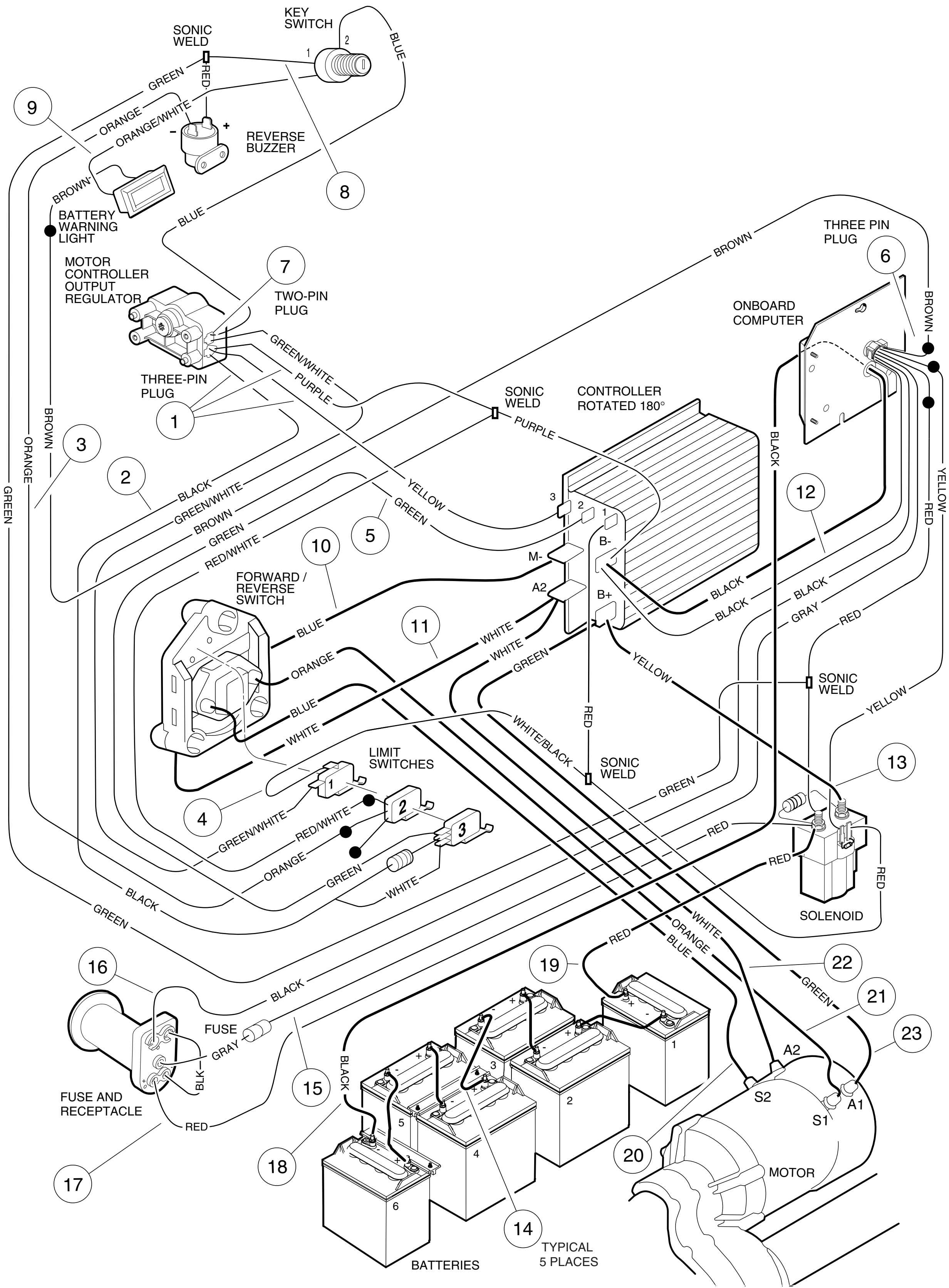



HOUR METER
15
14
RED
YELLOW
BLACK
PURPLE
YELLOW
BROWN
SONIC WELD
RED/WHITE
GREEN
FORWARD / REVERSE SWITCH
10
BLUE
ORANGE
BLUE
WHITE
RED/WHITE
11
LIMIT SWITCHES
GREEN/WHITE
RED/WHITE
ORANGE
GREEN
WHITE
5
BLACK
ORANGE
18
CHARGER RECEPTACLE
19
GREEN
YELLOW
BLK
GRAY
RED
FUSE
17
CONTROLLER ROTATED 180°
M-
A2
B-
B+
12
BLACK
BLACK
YELLOW
GRAY
SONIC WELD
RED
WHITE/BLACK
4
ONBOARD COMPUTER
BROWN
6
YELLOW
RED
BLACK
20
SOLENOID
SONIC WELD
RED
YELLOW
13
RED
21
RED
GREEN
YELLOW
BLACK
16
TYPICAL 5 PLACES
BATTERIES
YELLOW
FUSE
24
GREEN
25
WHITE
ORANGE
BLUE
23
22
A2
S2
MOTOR
S1
A1

See previous two pages for wiring diagram.

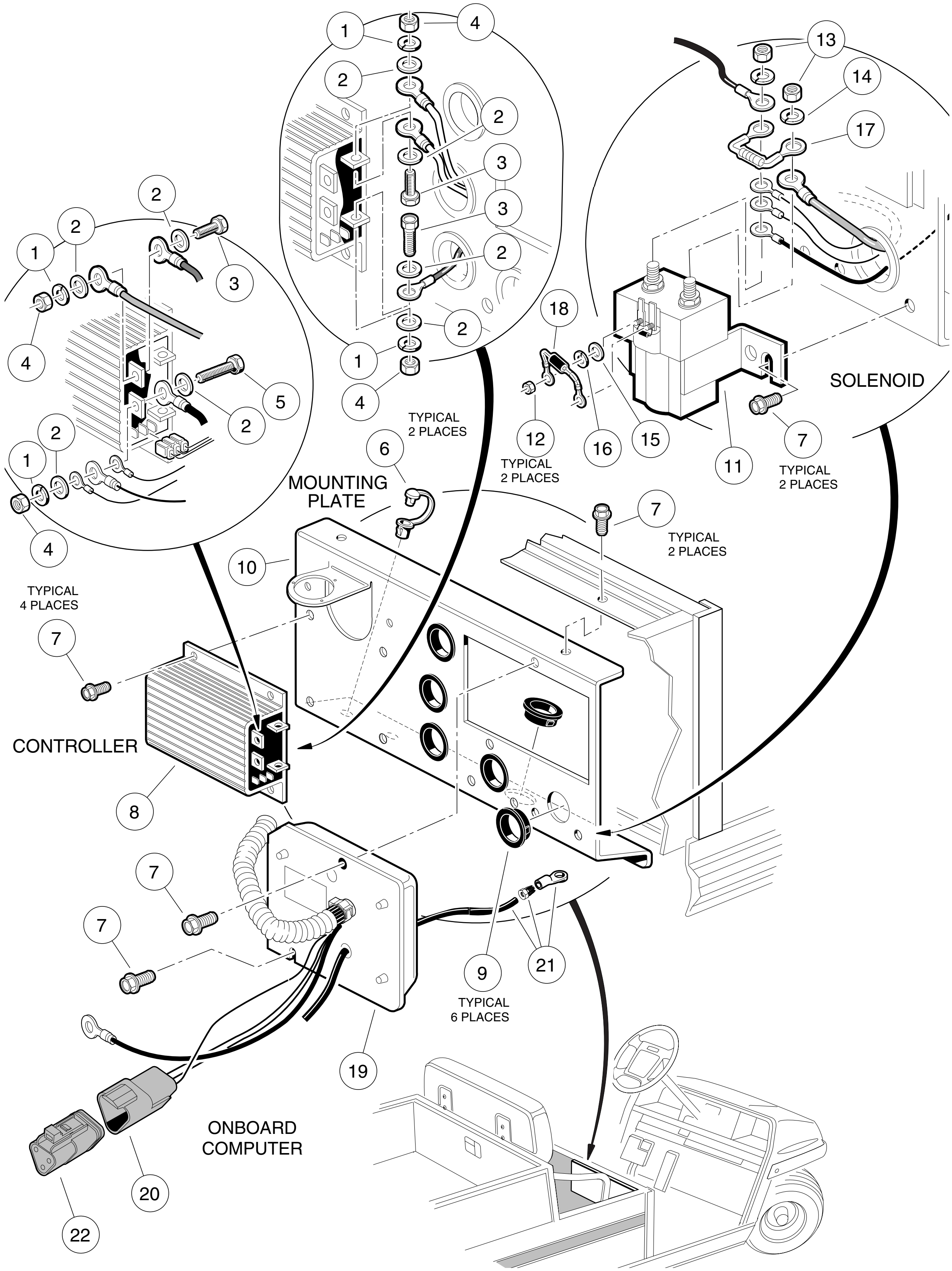
WIRING – TURF 2 POWERDRIVE VEHICLE WITH MOTOR CONTROLLER OUTPUT REGULATOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers 0112-001470 and greater.	
	102162501	Wire Harness, Power (includes items 1 - 8)	1
1	101865106	Assembly, 3-Wire Plug (includes item 2)	1
2	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
3	N/A	Wire Assembly, #18 Orange	1
4	N/A	Wire Assembly, #18 Red and #18 White/Black	1
5	N/A	Wire Assembly, #18 Green	1
6	101930801	Assembly, 3-Pin Plug	1
7	101936801	Kit, 2-Pin Plug and Wedge Lock	1
8	N/A	Wire Assembly, #18 Green, #18 Red, #18 Red	1
9	N/A	Wire Assembly, #18 Orange/White (part of battery light)	1
10	101908801	Wire Assembly, #6 Blue	1
11	1016729	Wire Assembly, #6 White	1
12	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
13	1016732	Wire Assembly, #6 Yellow	1
14	N/A	Wire Assembly, #18 Yellow	1
15	N/A	Wire Assembly, #18 Red	1
16	101795701	Wire Assembly, #6 Black	5
17	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
18	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
19	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1
20	N/A	Wire Assembly, #6 Black	1
21	101904501	Wire Assembly, #6 Red	1
22	101904601	Wire Assembly, #6 Blue	1
23	101904701	Wire Assembly, #6 Orange	1
24	101908901	Wire Assembly, #6 White	1
25	101904401	Wire Assembly, #6 Green	1
	101828101	Wire Harness, Headlight (includes items 26 - 28)	1
26	N/A	Wire Assembly, #16 Blue	1
27	N/A	Wire Assembly, #16 Black	1
28	N/A	Wire Assembly, #16 Yellow	1


KEY SWITCH
SONIC WELD
GREEN
RED
BLUE
ORANGE
ORANGE/WHITE
REVERSE BUZZER
BROWN
BATTERY WARNING LIGHT
MOTOR CONTROLLER OUTPUT REGULATOR
TWO-PIN PLUG
THREE-PIN PLUG
GREEN/WHITE
PURPLE
THREE PIN PLUG
ONBOARD COMPUTER
CONTROLLER ROTATED 180°
YELLOW
BLACK
RED/WHITE
FORWARD / REVERSE SWITCH
WHITE
GRAY
LIMIT SWITCHES
WHITE/BLACK
SOLENOID
FUSE
FUSE AND RECEPTACLE
BLK
BATTERIES
TYPICAL 5 PLACES
MOTOR
A2
S2
S1
A1
M-
B-
B+
1
2
3
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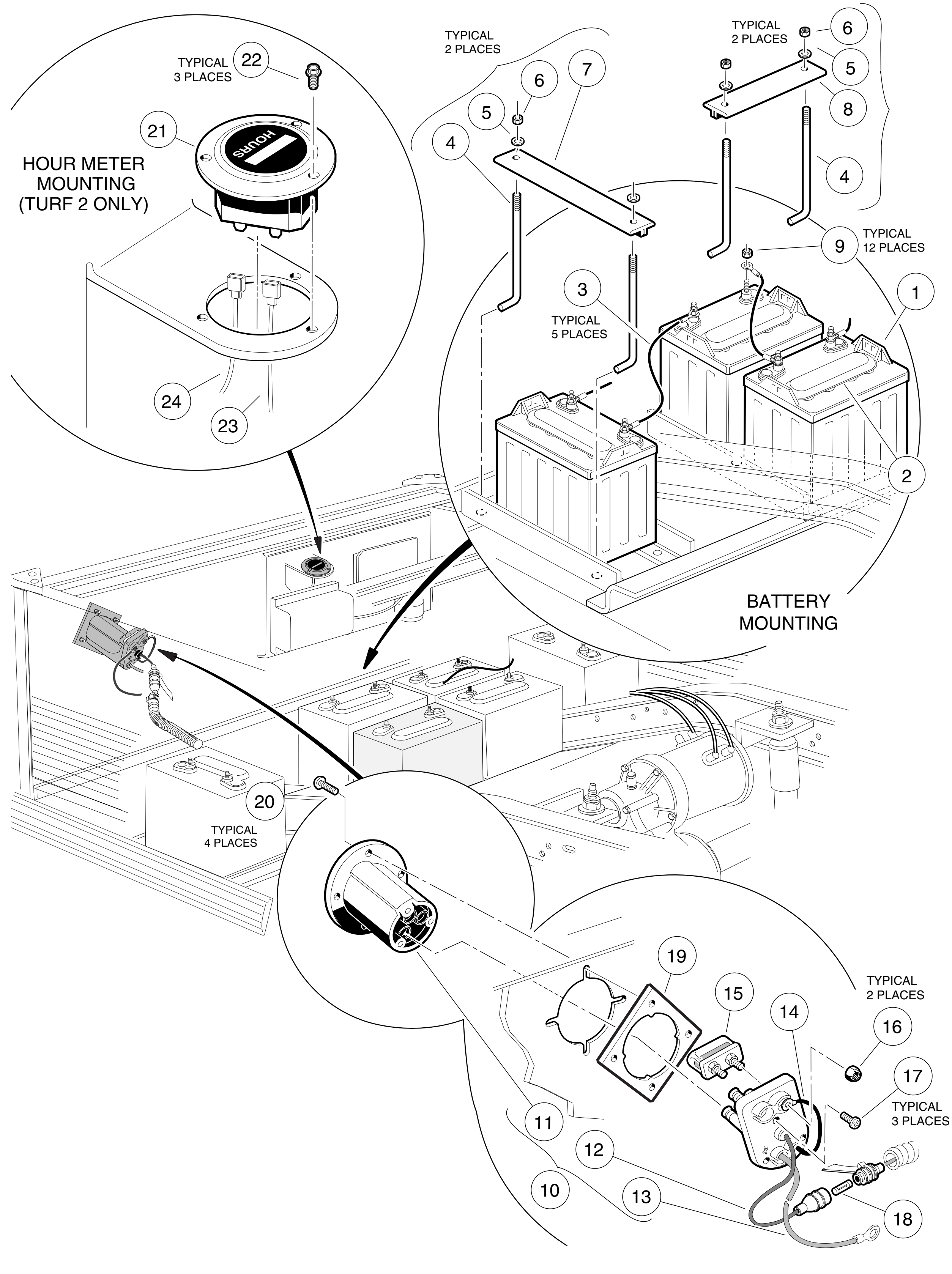
WIRING – CARRYALL 2 POWERDRIVE VEHICLE WITH MOTOR CONTROLLER OUTPUT REGULATOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
		For vehicles with serial numbers 0112-001470 and greater.	
	102162501	Wire Harness, Power (includes items 1 - 8)	1
1	101865106	Assembly, 3-Wire Plug (includes item 2)	1
2	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
3	N/A	Wire Assembly, #18 Orange	1
4	N/A	Wire Assembly, #18 Red, #18 White/Black	1
5	N/A	Wire Assembly, #18 Green	1
6	101930801	Assembly, 3-Pin Plug	1
7	101936801	Kit, 2-Pin Plug and Wedge Lock	1
8	N/A	Wire Assembly, #18 Green, #18 Red, #18 Red	1
9	N/A	Wire Assembly, #18 Orange/White (part of battery light)	1
10	101908801	Wire Assembly, #6 Blue	1
11	1016729	Wire Assembly, #6 White	1
12	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
13	1016732	Wire Assembly, #6 Yellow	1
14	101795701	Wire Assembly, #6 Black	5
15	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
16	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
17	N/A	Wire Assembly, #10 Red (part of fuse and receptacle assembly)	1
18	N/A	Wire Assembly, #6 Black	1
19	101904501	Wire Assembly, #6 Red	1
20	101904601	Wire Assembly, #6 Blue	1
21	101904701	Wire Assembly, #6 Orange	1
22	101908901	Wire Assembly, #6 White	1
23	101904401	Wire Assembly, #6 Green	1


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14
15
16
17
18
19
20
21
22
TYPICAL 2 PLACES
TYPICAL 4 PLACES
TYPICAL 6 PLACES
MOUNTING PLATE
SOLENOID
CONTROLLER
ONBOARD COMPUTER

COMPUTER, CONTROLLER, AND SOLENOID – TURF/CARRYALL 2 POWERDRIVE VEHICLE

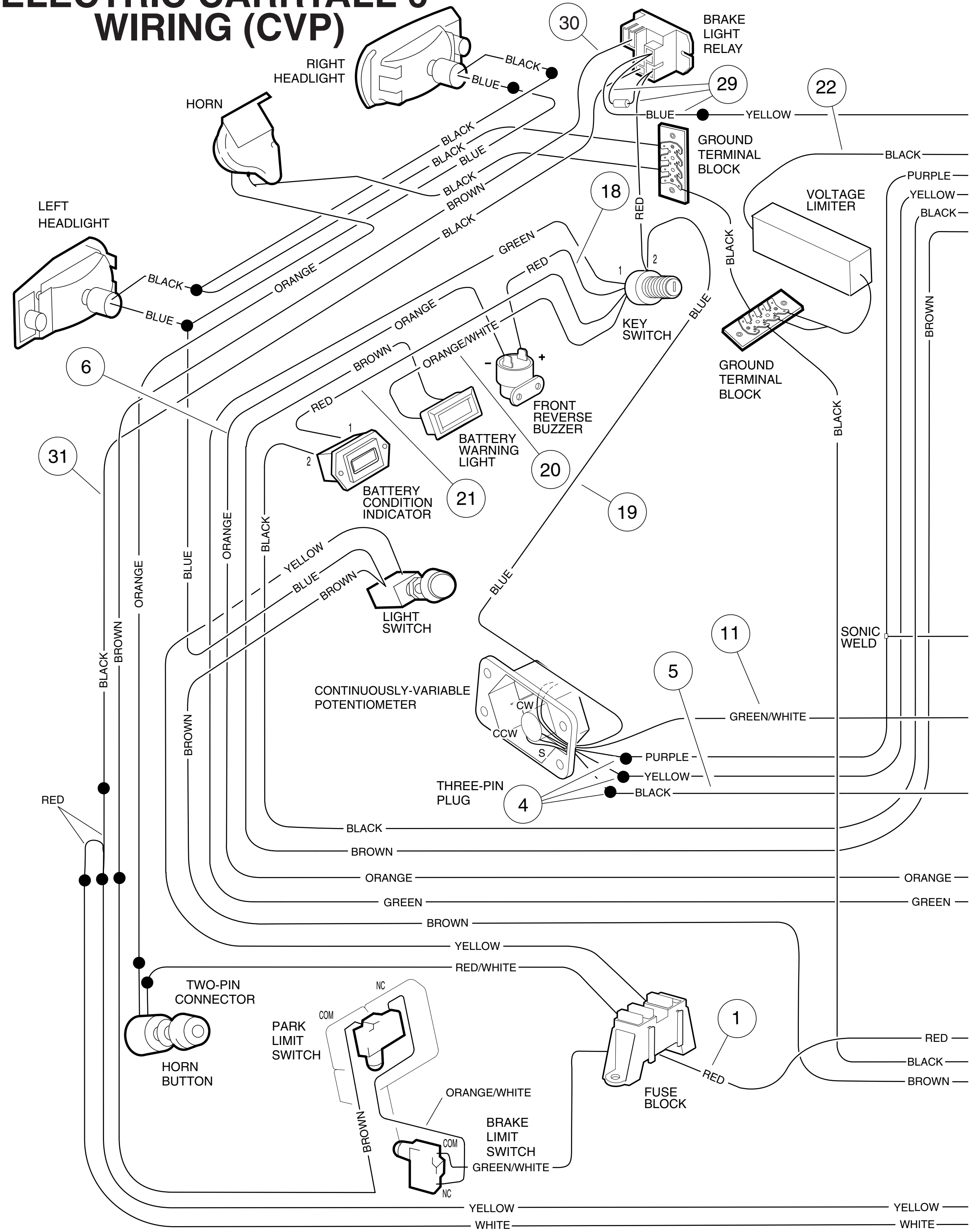
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	7174	Washer, Lock, 5/16	4
2	1241	Washer, Flat, 5/16	8
3	7173	Screw, Hex-Head Cap, 5/16-18 x 3/4	3
4	1242	Nut, Hex, 5/16-18	4
5	1218	Screw, Hex-Head Cap, 5/16-18 x 1-1/4	1
6	101918301	Clamp, Wire	2
7	1012285	Screw, Hex-Head Thread-Rolling, 1/4-20 x 5/8	10
8	101840203	Controller, 48-Volt (300-Amp)	1
9	101924301	Bushing, Snap	6
10	101911701	Plate, Mounting	1
11	101908701	Solenoid, 48-Volt (with diode) (includes items 12 - 16)	1
12	1016545	Nut, Hex, M5 x .8	2
13	1012528	Nut, Hex, M8	2
14	7174	Washer, Lock, 5/16	2
15	N/A	Washer, Flat	2
16	N/A	Washer, Lock	2
17	1014947	Assembly, Resistor	1
18	1014948	Assembly, Diode (Service Part replacement for existing diode that comes standard with solenoid)	1
19	101909905	Computer, Onboard (includes item 20)	1
20	101942301	Connector, 3-Pin	1
21	101827802	Kit, Wire and Terminal, #6 Black	1
22	101920101	Kit, 3-Pin Plug and Wedge Lock	1

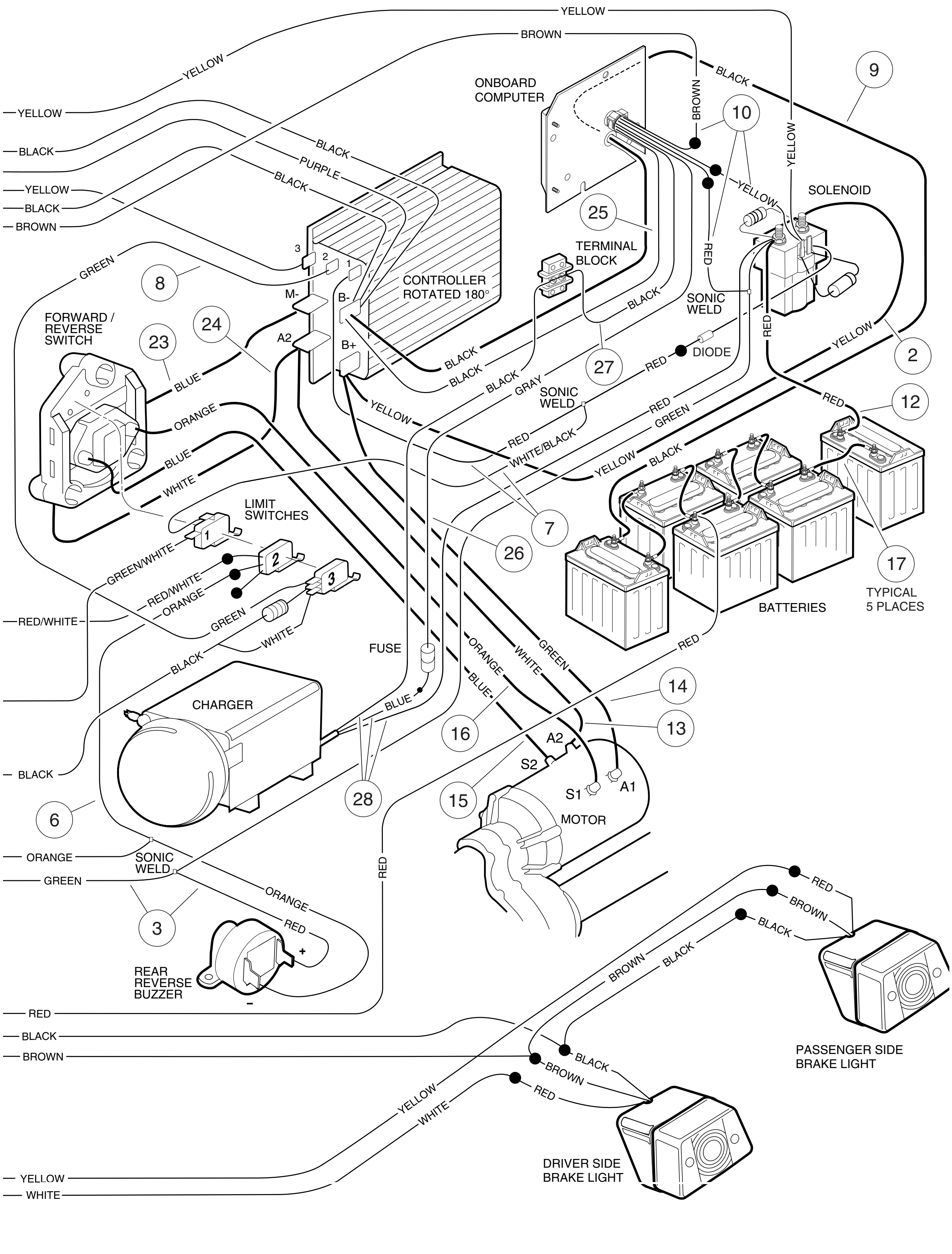

TYPICAL
3 PLACES
22
21
HOURS
HOUR METER
MOUNTING
(TURF 2 ONLY)
24
23
TYPICAL
2 PLACES
6
7
5
4
TYPICAL
2 PLACES
6
5
8
4
9
TYPICAL
12 PLACES
3
TYPICAL
5 PLACES
1
2
BATTERY
MOUNTING
20
TYPICAL
4 PLACES
19
15
14
TYPICAL
2 PLACES
16
17
TYPICAL
3 PLACES
11
12
10
13
18

BATTERIES, CHARGER RECEPTACLE – TURF/CARRYALL 2 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101797701	Battery, 8-Volt PowerDrive (includes item 2)	6
1	101797702	Battery, 8-Volt PowerDrive, Dry (includes item 2)	6
2	101797801	Cap, Battery, 4 Port Gang	1
3	101795701	Wire Assembly, #6 Black	5
4	101668201	Rod, Battery Hold-Down	8
5	1011578	Washer, Flat, Type B Wide, 5/16	8
6	1015072	Nut, Nylon Lock, Stainless Steel, 5/16 - 18	8
7	101090802	Hold-Down, Battery, Long	2
8	101090801	Hold-Down, Battery, Short	2
9	1014304	Nut, Hex, Stainless Steel, 5/16 -18	12
10	101802101	Kit, Fuse and Receptacle (includes items 11 - 18)	1
11	101796501	Bezel, Receptacle	1
12	N/A	Wire Assembly, Sense Lead, Gray	1
13	N/A	Wire Assembly, #10 Red	1
14	N/A	Wire Assembly, #10 Black	1
15	101796801	Assembly, Fuse, 48-Volt (includes item 16)	1
16	1013061	Nut, Nylon Lock, #10	2
17	1017705	Screw, Phillips Pan-Head, Type AB, #8	3
18	101894901	Fuse, 3/8-Amp	1
19	101801001	Plate, Receptacle Backing	1
20	101832001	Screw, Phillips Pan-Head, #7-18 x 3/4	4
21	1016877	Meter, Hour	1
22	1014540	Screw, Thread-Rolling, #6-32 x 3/8	3
23	N/A	Wire Assembly, #18 Yellow	1
24	N/A	Wire Assembly, #18 Red	1

ELECTRIC CARRYALL 6 WIRING (CVP)




ONBOARD COMPUTER
SOLENOID
TERMINAL BLOCK
CONTROLLER ROTATED 180°
FORWARD / REVERSE SWITCH
SONIC WELD
DIODE
LIMIT SWITCHES
BATTERIES
TYPICAL 5 PLACES
FUSE
CHARGER
MOTOR
REAR REVERSE BUZZER
PASSENGER SIDE BRAKE LIGHT
DRIVER SIDE BRAKE LIGHT
YELLOW
BROWN
BLACK
PURPLE
GREEN
BLUE
ORANGE
WHITE
RED
GRAY
WHITE/BLACK
GREEN/WHITE
RED/WHITE
M-
B-
B+
A2
S1
S2
A1
1
2
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28

See previous two pages for wiring diagram.

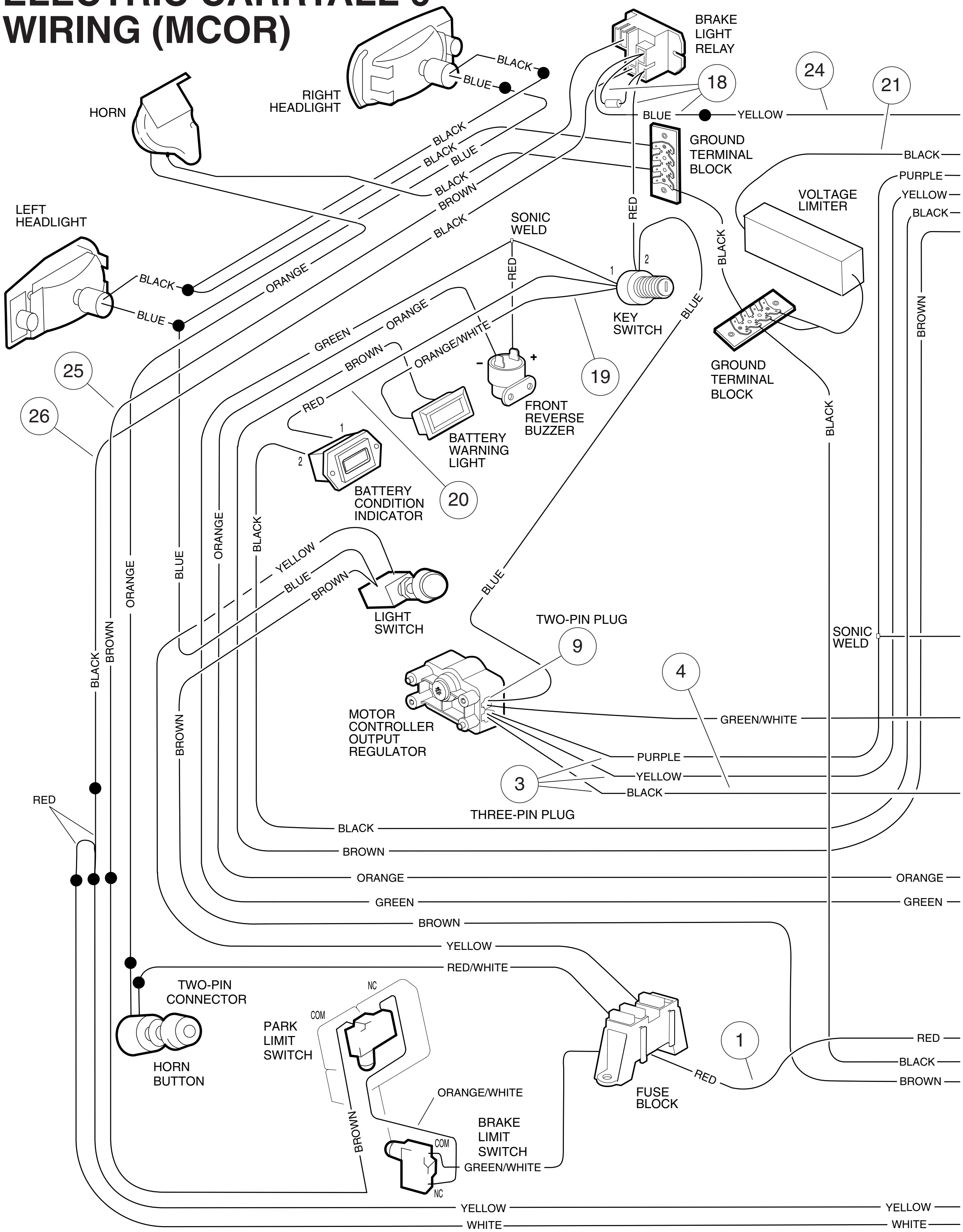
WIRING – CARRYALL 6 POWERDRIVE VEHICLE WITH CONTINUOUSLY VARIABLE POTENTIOMETER

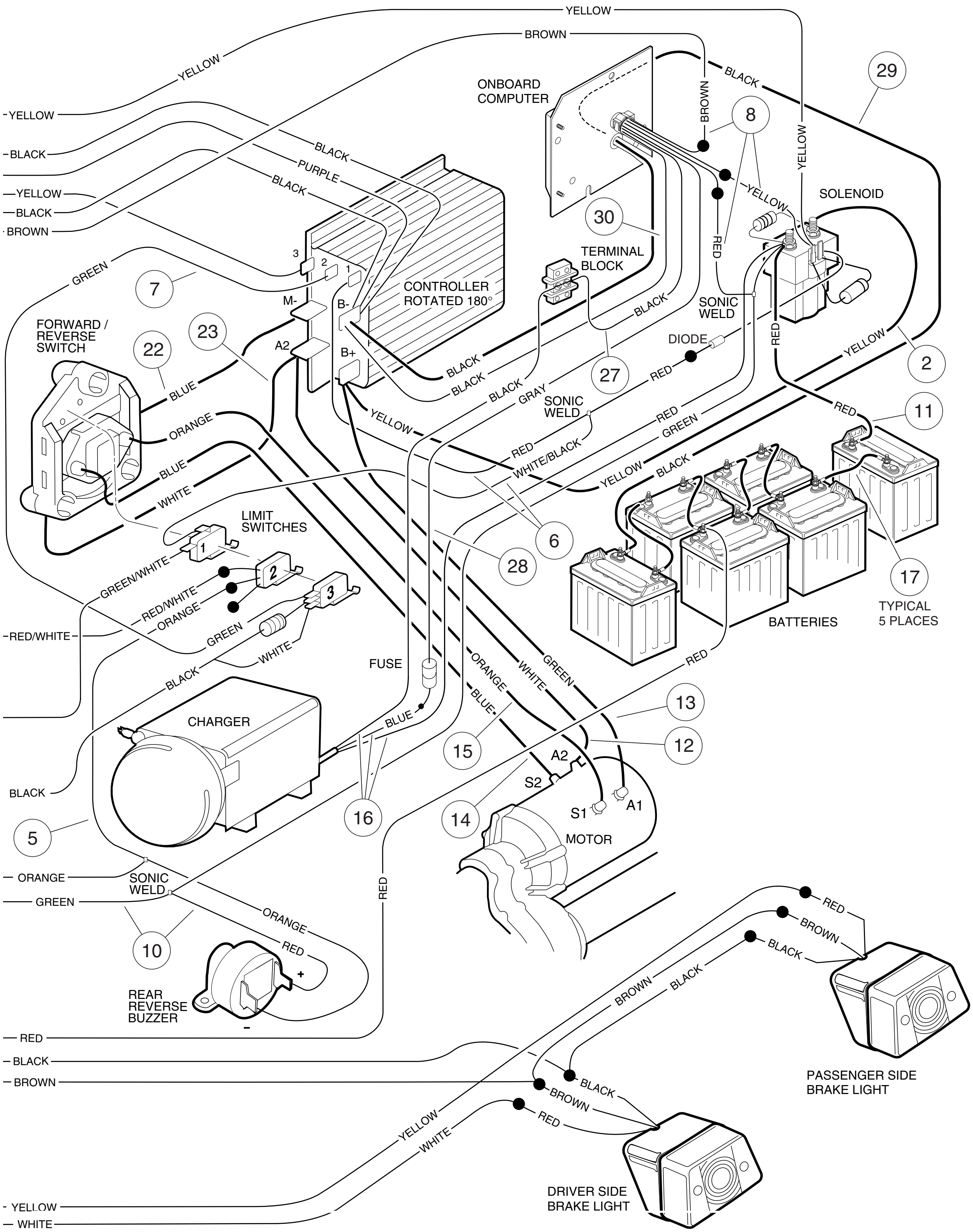
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101989901	Wire Harness, Lighting (includes #16 black, #18 red, #14 black, #16 brown, #18 black, #16 white, #16 red/white, #16 yellow, #16 orange, #16 black, #16 green/white, #14 yellow, #16 orange/white, #16 brown, #16 blue, #18 orange, #18 red, #18 black, #16 black wire assembly and item 1)	1
1	1016698	Wire Assembly, #10 Red	1
2	1016732	Wire Assembly, #6 Yellow	1
	101911601	Wire Harness, Power (includes items 3 - 11)	1
3	N/A	Wire Assembly, #18 Green and #18 Red	1
4	101865106	Assembly, 3-Wire Plug (includes item 5)	1
5	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
6	N/A	Wire Assembly, #18 Orange	1
7	N/A	Wire Assembly, #18 Red, White/Black	1
8	N/A	Wire Assembly, #18 Green	1
9	N/A	Wire Assembly, #6 Black	1
10	101930801	Assembly, 3-Pin Plug	1
11	N/A	Wire Assembly, #18 Green/White	1
12	101904502	Wire Assembly, #6 Red	1
13	101908902	Wire Assembly, #6 White	1
14	101904402	Wire Assembly, #6 Green	1
15	101904602	Wire Assembly, #6 Blue	1
16	101904702	Wire Assembly, #6 Orange	1
17	101795701	Wire Assembly, #6 Black	5
18	N/A	Wire Assembly, #18 Red	1
19	N/A	Wire Assembly, #18 Blue (part of potentiometer assembly)	1
20	N/A	Wire Assembly, #18 Orange/White	1
21	N/A	Wire Assembly, #18 Red	1
22	N/A	Wire Assembly, #10 Black (part of voltage limiter assembly)	1
23	101908801	Wire Assembly, #6 Blue	1
24	1016729	Wire Assembly, #6 White	1
25	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
26	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
27	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
28	101829101	DC Cord, #10 Blue, #10 Red, #10 Black (part of charger)	1
29	101914401	Assembly, Voltage Suppressor (includes #18 red and #18 blue)	1
30	N/A	Wire Assembly, #18 Brown (part of brake relay kit)	1
31	N/A	Wire Assembly, #18 Black (part of brake relay kit)	1

12

E

ELECTRIC CARRYALL 6 WIRING (MCOR)

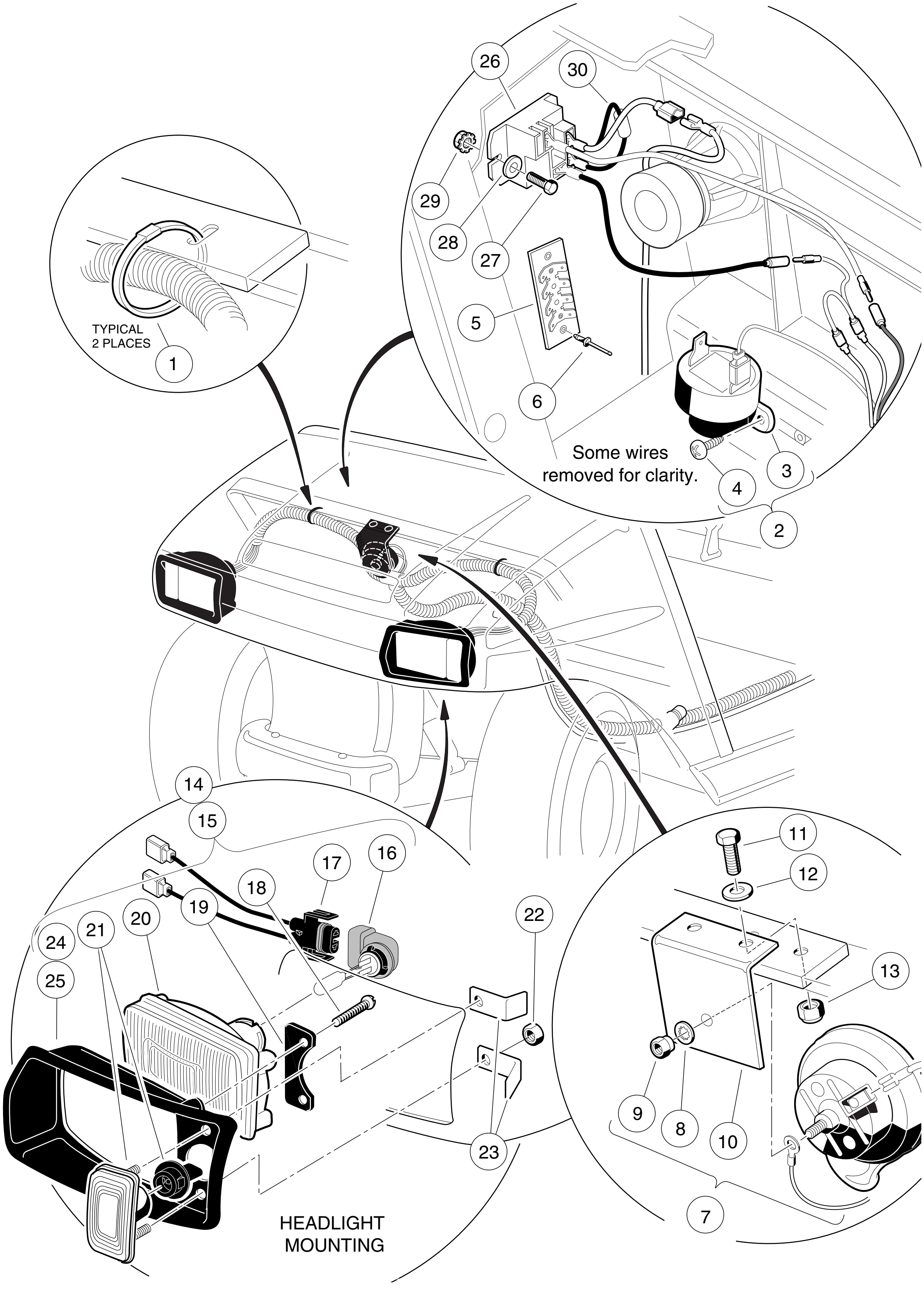



YELLOW
BROWN
BLACK
ONBOARD COMPUTER
29
8
YELLOW
BLACK
PURPLE
BLACK
YELLOW
BLACK
BROWN
SOLENOID
30
RED
TERMINAL BLOCK
GREEN
7
3
2
1
CONTROLLER ROTATED 180°
M-
B-
SONIC WELD
FORWARD / REVERSE SWITCH
23
22
A2
B+
BLACK
DIODE
RED
2
BLUE
BLACK
27
GRAY
SONIC WELD
RED
ORANGE
YELLOW
RED
11
GREEN
RED
WHITE/BLACK
BLUE
YELLOW
BLACK
WHITE
6
LIMIT SWITCHES
28
GREEN/WHITE
RED/WHITE
ORANGE
17
TYPICAL 5 PLACES
BATTERIES
RED/WHITE
GREEN
WHITE
FUSE
ORANGE
WHITE
GREEN
RED
BLACK
BLUE
CHARGER
BLUE
13
15
12
A2
BLACK
S2
S1
A1
5
16
14
MOTOR
ORANGE
SONIC WELD
GREEN
10
ORANGE
RED
REAR REVERSE BUZZER
RED
BLACK
BROWN
BROWN
BLACK
PASSENGER SIDE BRAKE LIGHT
YELLOW
WHITE
DRIVER SIDE BRAKE LIGHT

See previous two pages for wiring diagram.

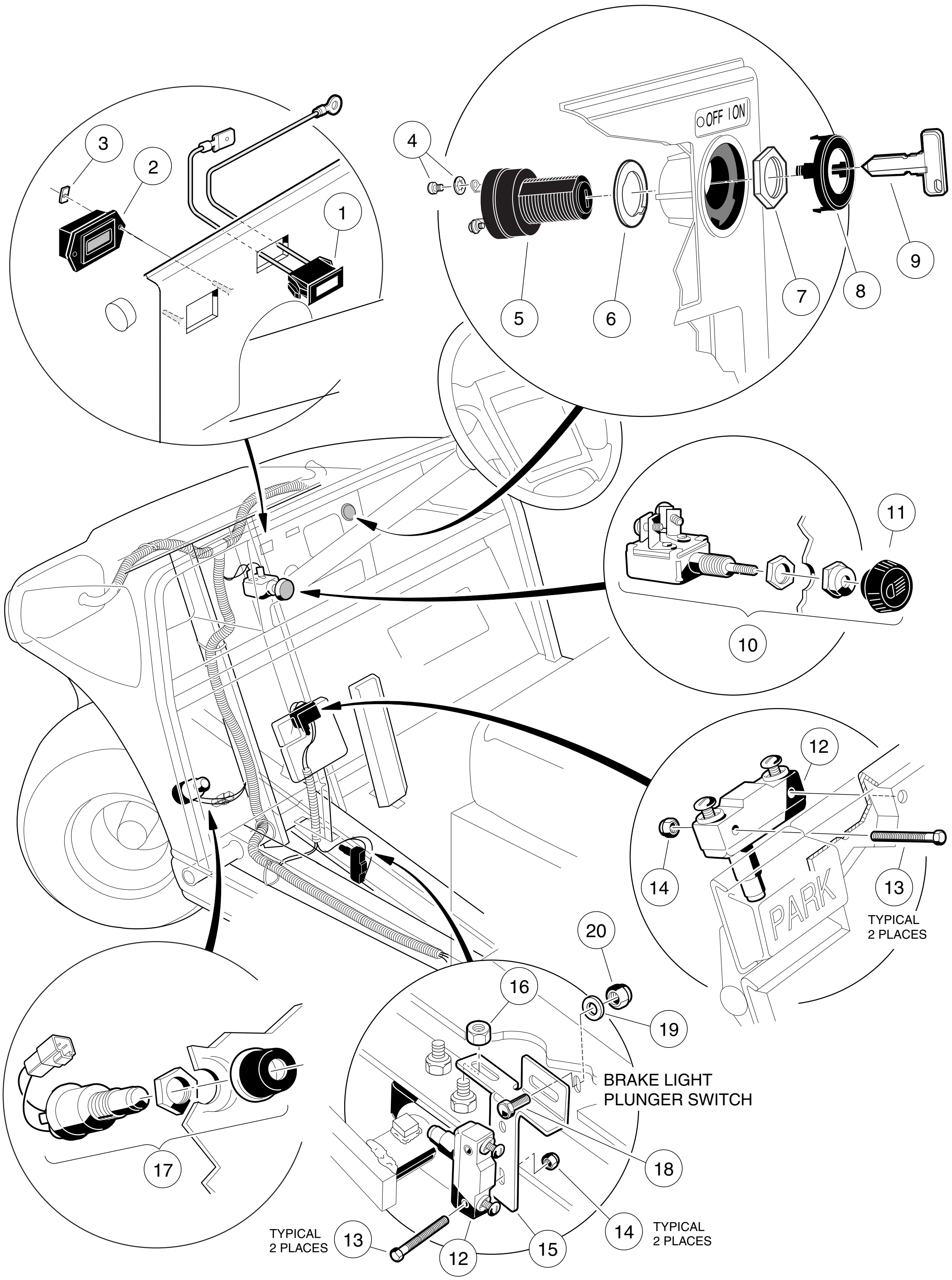
WIRING – CARRYALL 6 POWERDRIVE VEHICLE WITH MOTOR CONTROLLER OUTPUT REGULATOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101989901	Wire Harness, Lighting (includes #16 black, #18 red, #14 black, #16 brown, #18 black, #16 white, #16 red/white, #16 yellow, #16 orange, #16 black, #16 green/white, #14 yellow, #16 orange/white, #16 brown, #16 blue, #18 orange, #18 red, #18 black, #16 black wire assembly and item 1)	1
1	1016698	Wire Assembly, #10 Red	1
2	1016732	Wire Assembly, #6 Yellow	1
	102162501	Wire Harness, Power (includes items 3 - 10)	1
3	101865106	Assembly, 3-Wire Plug (includes item 4)	1
4	101883002	Wire Assembly, #18 Black (includes resistor and #18 white wire)	1
5	N/A	Wire Assembly, #18 Orange	1
6	N/A	Wire Assembly, #18 Red and #18 White/Black	1
7	N/A	Wire Assembly, #18 Green	1
8	101930801	Assembly, 3-Pin Plug	1
9	101936801	Kit, 2-Pin Plug and Wedge Lock	1
10	N/A	Wire Assembly, #18 Green and #18 Red	1
11	101904502	Wire Assembly, #6 Red	1
12	101908902	Wire Assembly, #6 White	1
13	101904402	Wire Assembly, #6 Green	1
14	101904602	Wire Assembly, #6 Blue	1
15	101904702	Wire Assembly, #6 Orange	1
16	101829101	DC Cord, #10 Blue, #10 Red, #10 black (part of charger)	1
17	101795701	Wire Assembly, #6 Black	5
18	101914401	Assembly, Voltage Suppressor (includes #18 blue and #18 red)	1
19	N/A	Wire Assembly, #18 Orange/White	1
20	N/A	Wire Assembly, #18 Red	1
21	N/A	Wire Assembly, #10 Black (part of voltage limiter assembly)	1
22	101908801	Wire Assembly, #6 Blue	1
23	1016729	Wire Assembly, #6 White	1
24	N/A	Wire Assembly, #18 Yellow	1
25	N/A	Wire Assembly, #18 Brown	1
26	N/A	Wire Assembly, #18 Black	1
27	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1
28	N/A	Wire Assembly, #18 Gray (part of onboard computer assembly)	1
29	N/A	Wire Assembly, #6 Black	1
30	N/A	Wire Assembly, #10 Black (part of onboard computer assembly)	1


TYPICAL
2 PLACES
1
26
30
29
28
27
5
6
Some wires
removed for clarity.
4
3
2
14
15
17
16
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24
25
22
23
HEADLIGHT
MOUNTING
11
12
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10
7

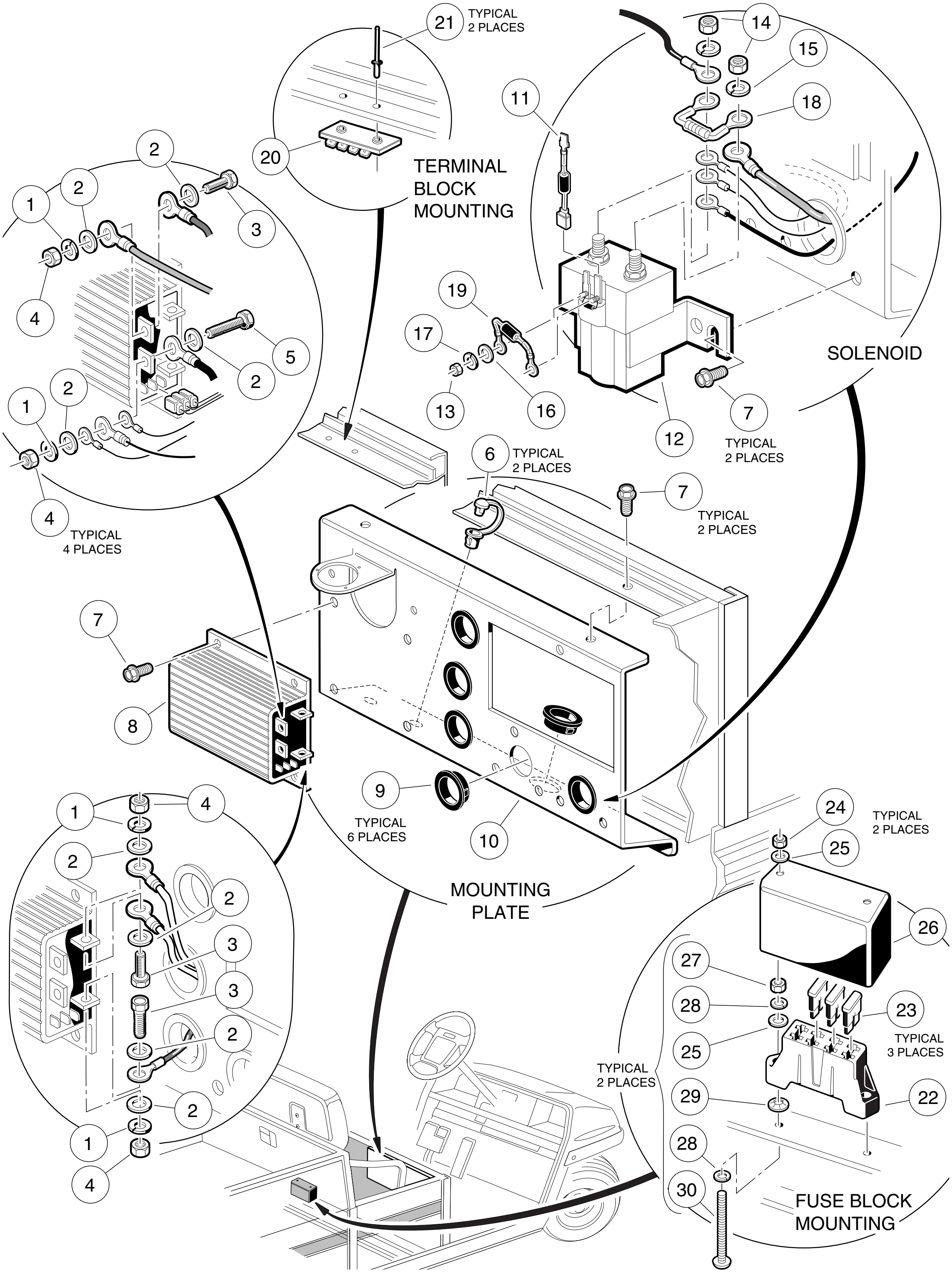
ELECTRICAL COMPONENTS, FRONT BODY – CARRYALL 6 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	8639	Tie, Wire	2
2	1016859	Kit, Reverse Buzzer (includes items 3 and 4)	1
3	1016851	Buzzer, Reverse	1
4	1016849	Screw, Pan-Head Hi-Lo, #4-24 x 5/16	2
5	1016356	Block, Terminal	1
6	1013357	Rivet, Aluminum Pop, 5/32 x 3/8	2
7	4029	Assembly, Horn (includes items 8, 9 and 10)	1
8	7820	Washer, Internal Tooth, 5/16	1
9	101955101	Nut, M6 x 1.25	1
10	1011825	Bracket, Horn	1
11	304	Screw, Hex-Head Cap, 1/4-20 x 1	2
12	332	Washer, Flat, 1/4	2
13	8233	Nut, Nylon Lock, 1/4-20	2
14	101988001	Assembly, Headlight, Driver-Side (includes items 16 - 24) *	1
15	101988002	Assembly, Headlight, Passenger-Side (includes items 16 - 23 and 25)*	1
16	101988101	Bulb, Halogen	1
17	101987901	Harness, Headlight Wire	1
18	1013461	Screw, Hi-Lo, #10-16	2
19	1017065	Retainer, Headlight	1
20	101988201	Lens, Headlight	1
21	1017062	Assembly, Turn Signal Lens	1
22	7893	Nut, Hex, #10-32	2
23	1017064	Bracket, Mounting	2
24	1016880	Bezel, Headlight, Driver-Side	1
25	1016879	Bezel, Headlight, Passenger-Side	1
26	101828601	Relay, Brake Light, 48-volt	1
27	1017853	Bolt, Hex-Head Machine, 6-32 x 3/4	2
28	7591	Washer, Flat,	2
29	1011229	Nut, Lock, Hex, 6-32	2
30	101914401	Assembly, Voltage Suppressor	1
		* Headlight assembly is also used for electric Turf 2 vehicles.	


3
2
1
4
OFF ION
5
6
7
8
9
11
10
12
14
13
TYPICAL
2 PLACES
PARK
20
16
19
BRAKE LIGHT
PLUNGER SWITCH
18
17
TYPICAL
2 PLACES
13
12
15
14
TYPICAL
2 PLACES

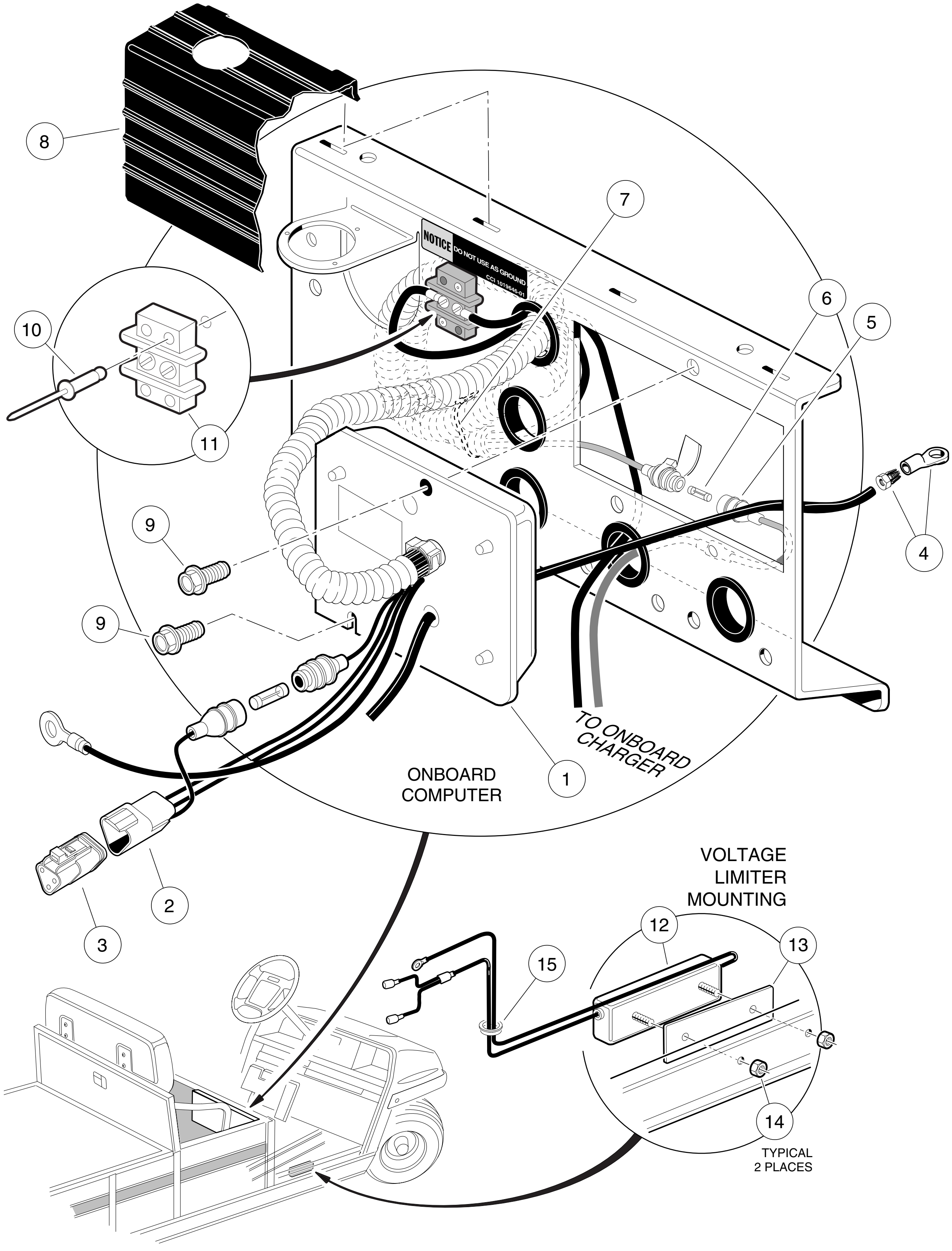
CONTROLS AND INDICATORS – CARRYALL 6 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101935501	Light, Battery Warning (Amber)	1
2	101814201	Indicator, Battery Condition	1
3	101814701	Retainer, Push On	2
4	101830601	Assembly, Screw and Washer	2
5	101826201	Switch, Key	1
6	101851101	Washer	1
7	101830701	Nut, Key Switch	1
8	101834502	Cap, Key Switch	1
9	1012505	Key (Pair)	1
10	4034	Switch, Light (includes item 11)	1
11	1013857	Knob, Light Switch	1
12	1011439	Switch, Limit	2
13	1011557	Screw, Hex-Head Machine, #6-32 x 1	4
14	101932201	Nut, Nylon Lock, #6-32	4
15	101957101	Bracket, Brake Light Switch	1
16	1011280	Nut, Lock, 5/16-18	1
17	101969701	Button, Horn	1
18	7173	Bolt, Hex-Head, Cap, 5/16-18 x 3/4	1
19	1241	Washer, Flat, 5/16-18	1
20	7473	Nut, Nylon Lock, 5/16-18	1


21
TYPICAL
2 PLACES
20
TERMINAL
BLOCK
MOUNTING
14
15
18
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19
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13
16
12
7
TYPICAL
2 PLACES
SOLENOID
1
2
2
3
4
5
2
1
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4
TYPICAL
4 PLACES
6
TYPICAL
2 PLACES
7
TYPICAL
2 PLACES
7
8
9
TYPICAL
6 PLACES
10
MOUNTING
PLATE
1
4
2
2
3
3
2
2
1
4
24
TYPICAL
2 PLACES
25
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28
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23
TYPICAL
3 PLACES
TYPICAL
2 PLACES
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22
28
30
FUSE BLOCK
MOUNTING

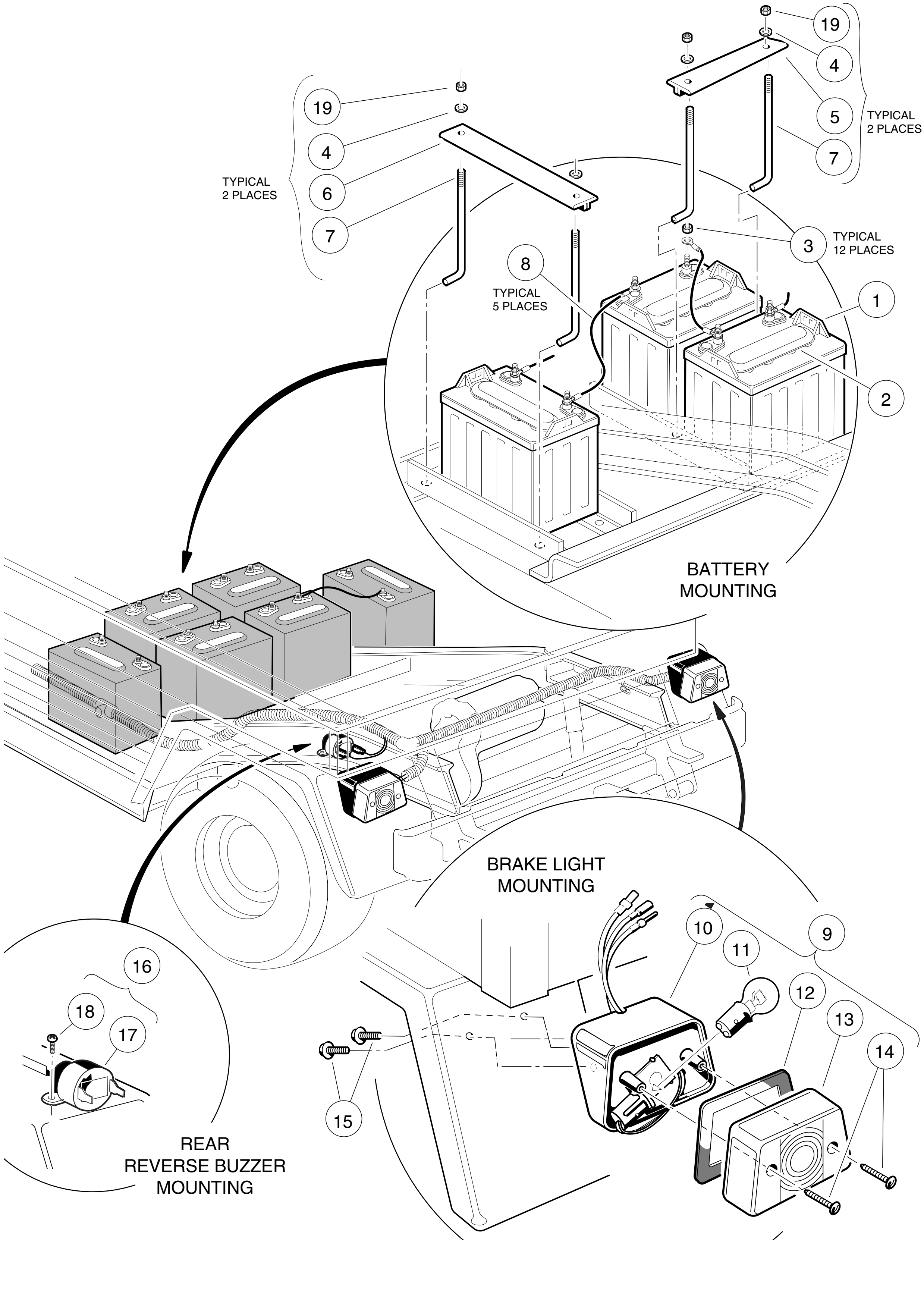
ELECTRICAL COMPONENTS, CENTER BODY – CARRYALL 6 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	7174	Washer, Lock, 5/16	4
2	1241	Washer, Flat, 5/16	8
3	7173	Screw, Hex-Head Cap, 5/16-18 x 3/4	3
4	1242	Nut, Hex, 5/16-18	4
5	1218	Screw, Hex-Head Cap, 5/16-18 x 1-1/4	1
6	101918301	Clamp, Wire	2
7	1012285	Screw, Hex-Head Thread-Rolling, 1/4-20 x 5/8	8
8	101840203	Controller, 48-Volt (300-Amp)	1
9	101924301	Bushing, Snap	6
10	101911701	Plate, Mounting	1
11	102273101	Assembly, Diode	1
12	101908701	Solenoid, 48-Volt (with diode) (includes items 13 - 17)	1
13	1016545	Nut, Hex, M5 x .8	2
14	1012528	Nut, Hex, M8	2
15	7174	Washer, Lock, 5/16	2
16	N/A	Washer, Flat	2
17	N/A	Washer, Lock	2
18	1014947	Assembly, Resistor	1
19	1014948	Assembly, Diode (Service Part replacement for existing diode that comes standard with solenoid)	1
20	1016356	Block, Terminal	1
21	1013357	Rivet, Aluminum Pop, 5/32	2
22	1015741	Block, Fuse	1
23	1016423	Fuse, 20-Amp	3
24	1012438	Nut, Nylon Lock, #10-24	2
25	183	Washer, Flat, #10	4
26	1016363	Cover, Fuse Block	1
27	1017	Nut, Hex, #10-24	2
28	1016	Washer, Lock, #10	4
29	1016631	Nut, Push	2
30	1016366	Screw, Round Head, #10-24 x 3	2


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NOTICE DO NOT USE AS GROUND
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9
4
TO ONBOARD CHARGER
1
ONBOARD COMPUTER
2
3
VOLTAGE LIMITER MOUNTING
12
13
15
14
TYPICAL 2 PLACES

ELECTRICAL COMPONENTS, CENTER BODY, CONTINUED – CARRYALL 6 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101909903	Computer, Onboard (includes item 2)	1
2	101942301	Connector, 3-Pin	1
3	101920101	Kit, 3-Pin Plug and Wedge Lock	1
4	101827802	Kit, Wire and Terminal, #6 Black	1
5	101957501	Adapter, Two-Way (includes item 6)	1
6	101894901	Fuse, 3/8-Amp	1
7	8990	Tie, Wire	1
8	101931601	Cover, Component	1
9	1012285	Screw, Hex-Head Thread-Rolling, 1/4-20 x 5/8	2
10	101968801	Rivet, Pop, 3/16 x 13/16	2
11	101966801	Block, Terminal	1
12	101810801	Limiter, Voltage (includes item 13 and 14)	1
13	101962601	Gasket	1
14	101835601	Nut, Flanged Lock, 1/4-20	2
15	101802401	Grommet, 5/8	1


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7
TYPICAL
2 PLACES
19
4
6
7
TYPICAL
2 PLACES
3
TYPICAL
12 PLACES
8
TYPICAL
5 PLACES
1
2
BATTERY
MOUNTING
BRAKE LIGHT
MOUNTING
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17
REAR
REVERSE BUZZER
MOUNTING

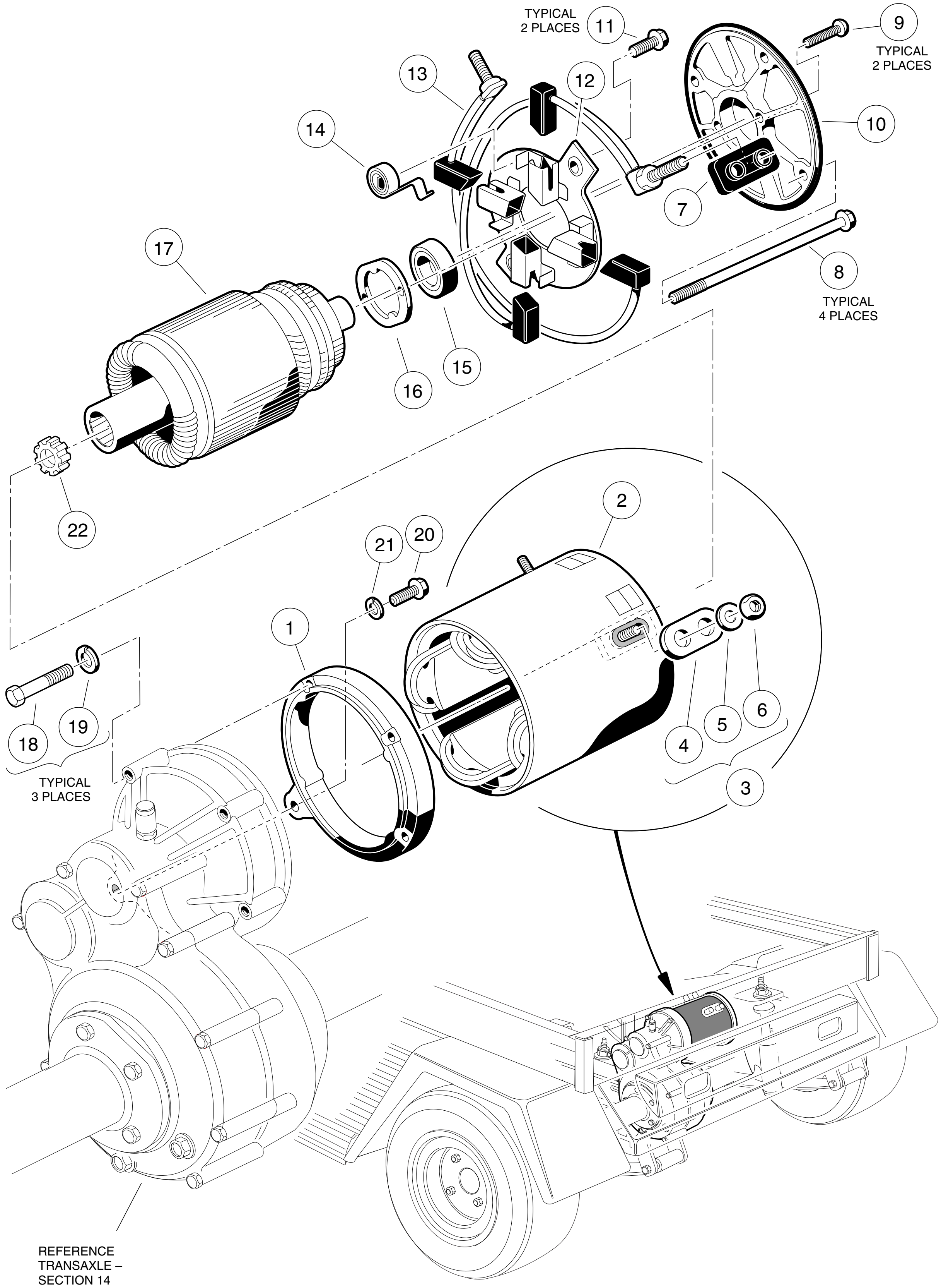
ELECTRICAL COMPONENTS, REAR BODY – CARRYALL 6 POWERDRIVE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101797701	Battery, 8-Volt PowerDrive (includes item 2)	6
1	101797702	Battery, 8-Volt PowerDrive, Dry (includes item 2)	6
2	101797801	Cap, Battery, 4 Port Gang	1
3	1014304	Nut, Hex, Stainless Steel, 5/16-18	12
4	1011578	Washer, Flat, Type B Wide, 5/16	8
5	101090801	Hold-down, Battery, Short	2
6	101090802	Hold-down, Battery, Long	2
7	101668201	Rod, Battery Hold-down	8
8	101795701	Wire Assembly, #6 Black	5
9	1016717	Assembly, Taillight (includes items 10 - 14)	2
10	N/A	Housing, Taillight	1
11	1011582	Bulb	1
12	N/A	Gasket	1
13	N/A	Lens	1
14	N/A	Screw, Lens	2
15	1015752	Screw, Hi-Lo, #12-16 x 5/8	4
16	1016859	Kit, Reverse Buzzer (includes items 17 and 18)	1
17	1016851	Buzzer, Reverse	1
18	1016849	Screw, Pan-Head Hi-Lo, #4-24 x 5/16	2
19	1015072	Nut, Nylon Lock, Stainless Steel, 5/16-18	8

12

E

ELECTRIC MOTOR


TYPICAL
2 PLACES
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TYPICAL
2 PLACES
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TYPICAL
4 PLACES
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TYPICAL
3 PLACES
3
REFERENCE
TRANSAXLE –
SECTION 14

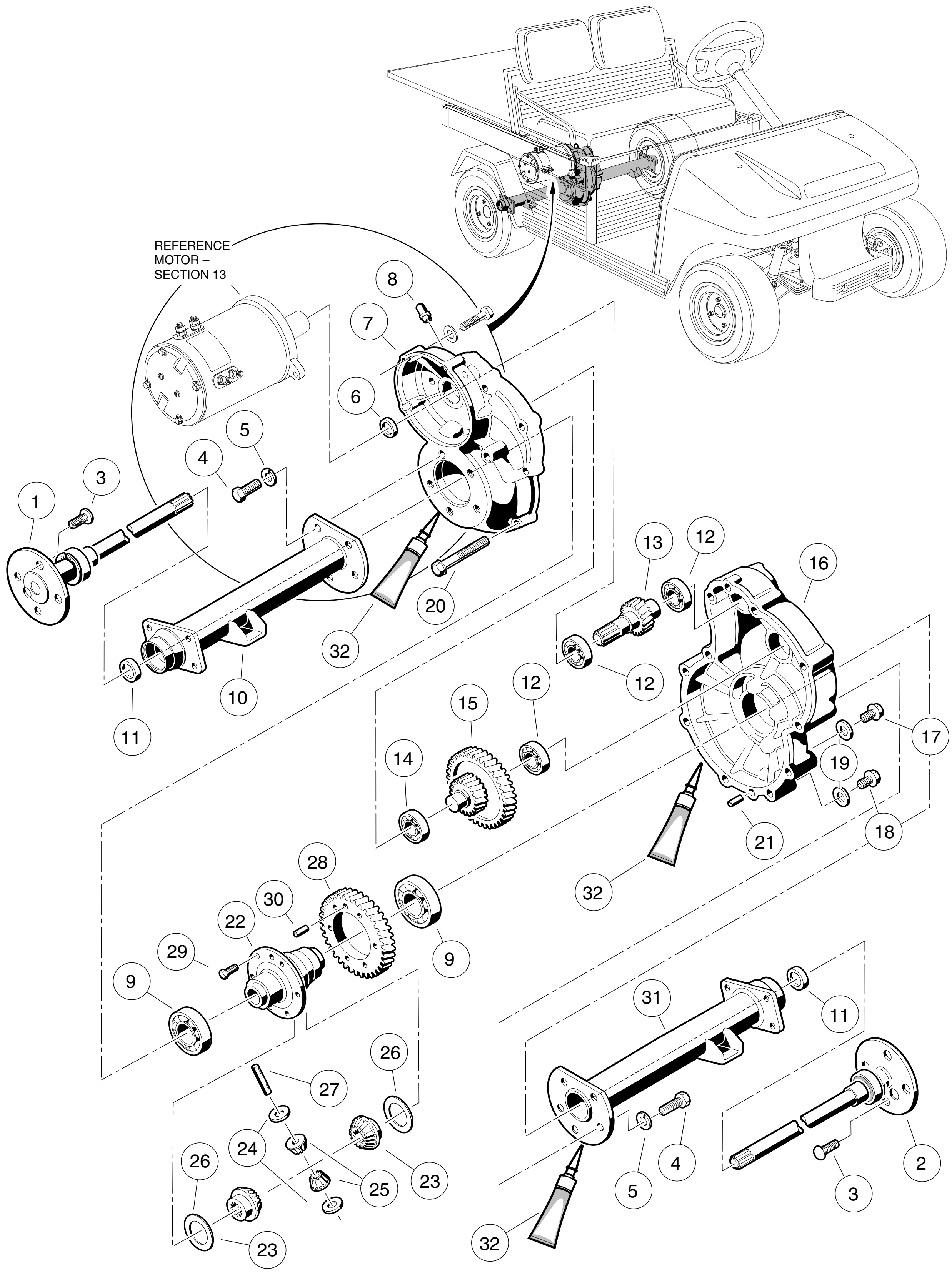
MOTOR – POWERDRIVE SYSTEM 48 VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	102237701	Assembly, 48-Volt Motor, 3.10-hp (includes items 1 - 17)	1
1	1017944	Shield, End	1
2	1017958	Assembly, Stator Shell and Winding	1
3	1017947	Package, Hardware (includes items 4 - 7)	1
4	N/A	Bushing, Insulator	2
5	N/A	Washer, Flat, 5/16	4
6	N/A	Nut, Hex, 5/16-18	4
7	N/A	Bushing, Insulator	2
8	1017961	Screw, Clamp	4
9	1017953	Screw, Bearing Retainer	2
10	1017951	Shield, End	1
11	1017949	Screw, Brush Holder	2
12	1017948	Rigging, Brush	1
13	1017946	Package, Brush (2 pieces) (includes 4 brushes)	1
14	1011411	Package, Brush Spring (4 pieces)	1
15	1011290	Bearing, Ball	1
16	1017950	Retainer, Bearing	1
17	N/A	Armature	1
18	1014201	Screw, Hex-Head Cap, 1/4-20 x 2-1/4	3
19	451	Washer, Lock, 1/4	3
20	1010934	Screw, Hex-Head Cap, 5/16-18 x 1	1
21	7174	Washer, Lock, 5/16	1
22	102235201	Bumper, Motor	1

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E

TRANSAXLE – ELECTRIC VEHICLE


REFERENCE
MOTOR –
SECTION 13
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TRANSAXLE, TYPE G – ELECTRIC VEHICLE

14

E

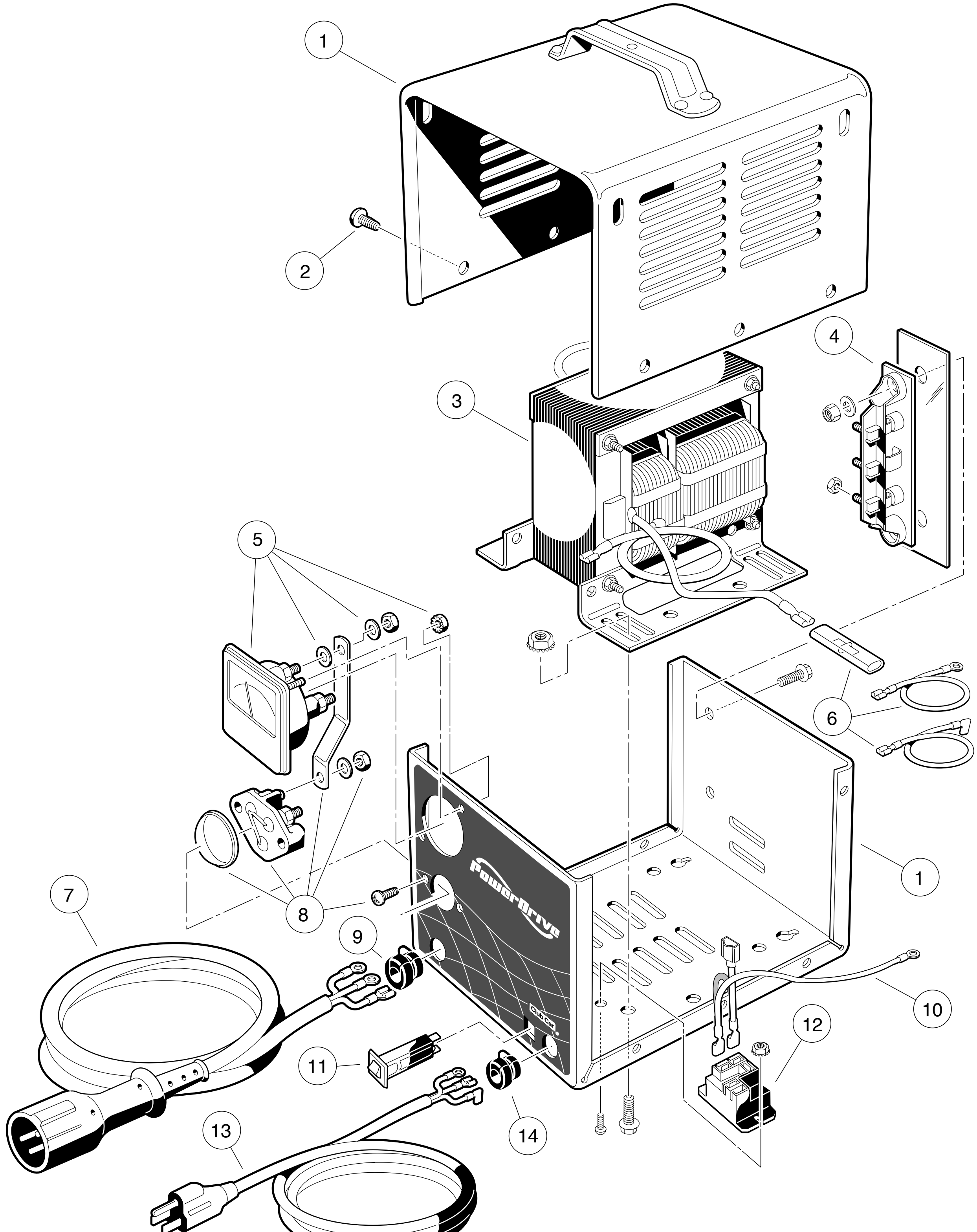
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101896001	Transaxle, Type G (includes items 1 - 32)	1
1	101895801	Axle Assembly, Passenger-Side (includes item 3)	1
2	101895901	Axle Assembly, Driver-Side (includes item 3)	1
3	101922201	Stud, Lug	4
4	101976001	Bolt, M10 x 1.5 x 35 mm	10
5	101897901	Washer, Lock	10
6	101923501	Seal, Oil, Input Shaft	1
7	101895501	Gear Case, Passenger-Side	1
8	101897201	Breather	1
9	7330	Bearing, Differential	2
10	101895601	Assembly, Axle Tube, Passenger-Side	1
11	1013794	Seal, Oil, Axle Shaft	2
12	7335	Bearing, Input Gear	3
13	101923701	Shaft, Input	1
14	7336	Bearing, Intermediate Gear	1
15	101906901	Assembly, Intermediate Gear	1
16	101895401	Gear Case, Driver-Side	1
17	101972201	Plug, Fill	1
18	101972101	Plug, Magnetic	1
19	101923201	Gasket, Plug	2
20	101897001	Bolt, M8 x 1.25 x 60 mm	11
21	101897601	Pin, Dowel	2
22	101923601	Housing, Differential	1
23	101923901	Gear, Differential	2
24	101903601	Plate, Thrust (idler gear)	2
25	101923001	Gear, Differential Idler	2
26	101903701	Plate, Thrust	2
27	101922101	Pin, Differential	1
28	101906201	Gear, Output	1
29	101897401	Bolt, M10 x 1.5 x 25 mm	4
30	101972401	Pin, Dowel	1
31	101895701	Assembly, Axle Tube, Driver-Side	1
32	101928701	Gasket, Liquid, 8.8 oz. (250 g)	A/R

Note: Transaxle type is identified by orientation of gear case bolts (item 20). The Type G Transaxle has gear case bolt heads facing toward the passenger side of the vehicle.

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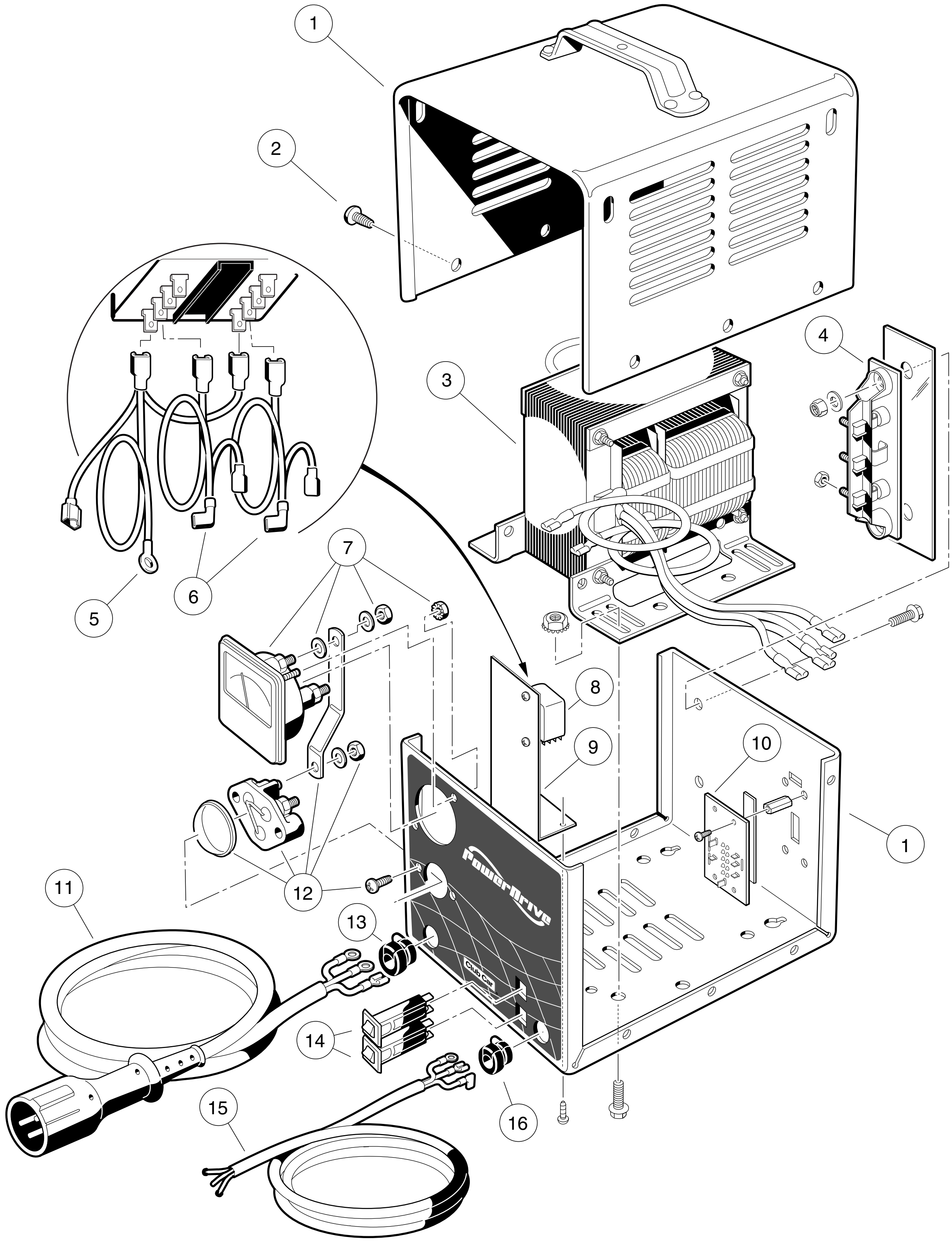
E

BATTERY CHARGER


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PowerDrive
Club Car

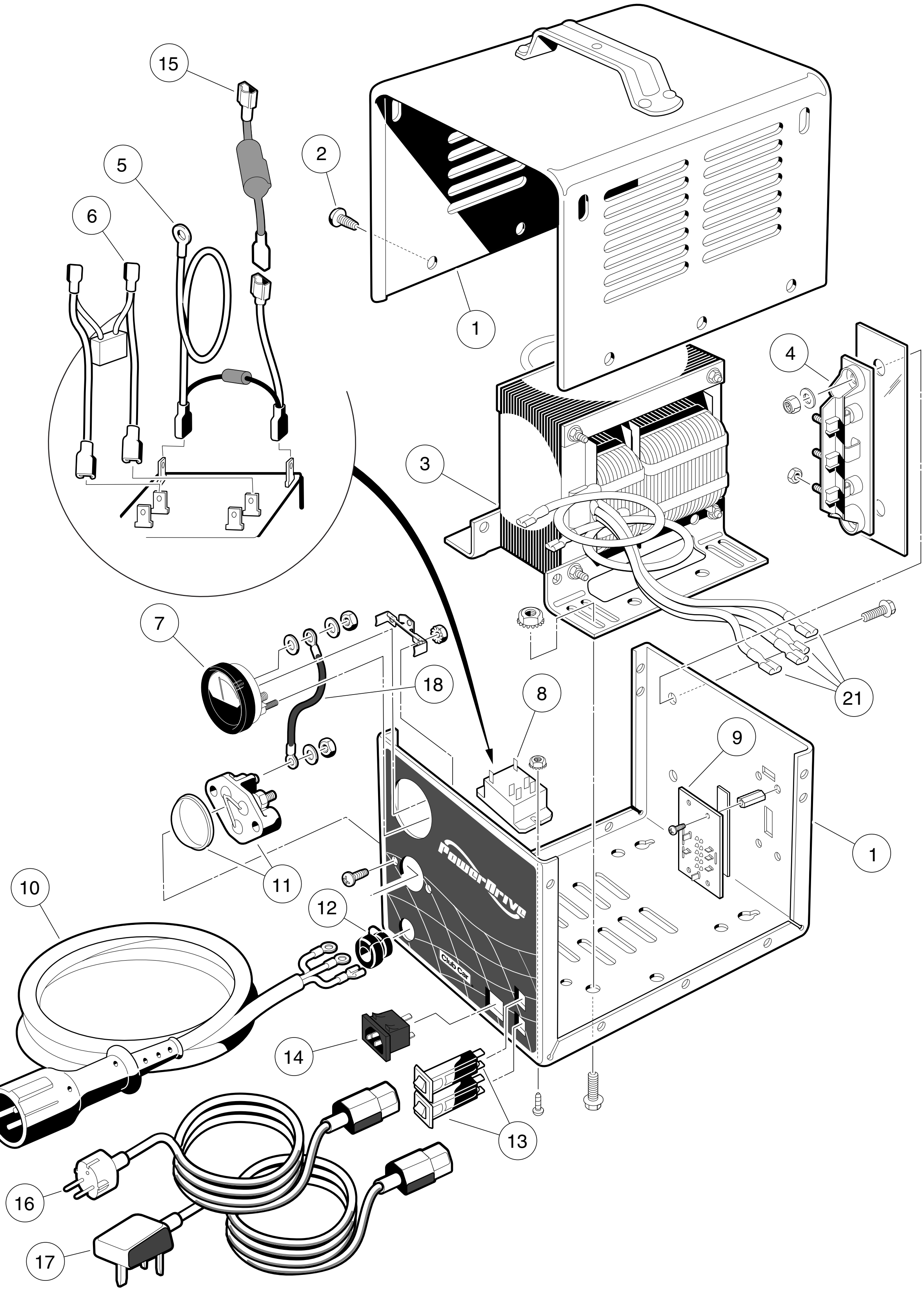
POWERDRIVE BATTERY CHARGER, DOMESTIC – TURF/CARRYALL 1 AND 2

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101802201	Charger, Battery, PowerDrive, Domestic 120-V AC 48-V DC 60-Hz (model number 17930-11) (includes items 1 - 14) 103-inch DC cord with male 3-pin plug, 12-AWG 74-inch AC cord with male grounded plug	1
	101802202	Charger, Battery, PowerDrive 120-V AC 48-V DC 60-Hz (model number 17930-18) (includes items 1 - 14) 144-inch DC cord with male 3-pin plug, 12-AWG 108-inch AC cord with male grounded plug	1
	101802203	Charger, Battery, PowerDrive 120-V AC 48-V DC 60-Hz (model number 17930-19) (includes items 1 - 14) 240-inch DC cord with male 3-pin plug, 12-AWG 108-inch AC cord with male grounded plug	1
1	101828301	Assembly, Case (includes fasteners)	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2	10
3	101819701	Assembly, Transformer	1
4	1015914	Assembly, Heatsink, with Diodes (includes mounting hardware)	1
5	101828501	Ammeter (includes mounting hardware)	1
6	101831101	Kit, Wire Assembly	1
7	101828901	Cordset, DC, 113-Inch Long with Male 3-Pin Plug, 12-AWG	1
7	101828902	Cordset, DC, 154-Inch Long with Male 3-Pin Plug, 12-AWG	1
7	101828903	Cordset, DC, 250-Inch Long with Male 3-Pin Plug, 12-AWG	1
8	1012101	Assembly, Fuse (includes mounting hardware)	1
9	1012098	Bushing, Strain Relief, DC Cord, 12-AWG	1
10	101914401	Assembly, Voltage Suppressor	1
11	CCX8506	Breaker, Circuit, 15-Amp, 120-V AC	1
12	101828601	Relay, Power, 48-V DC	1
13	101828801	Cordset, AC, 80-Inch Long	1
13	101828802	Cordset, AC, 116-Inch Long	1
14	1015917	Bushing, Strain Relief, AC Cord	1


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PowerDrive
Club Car

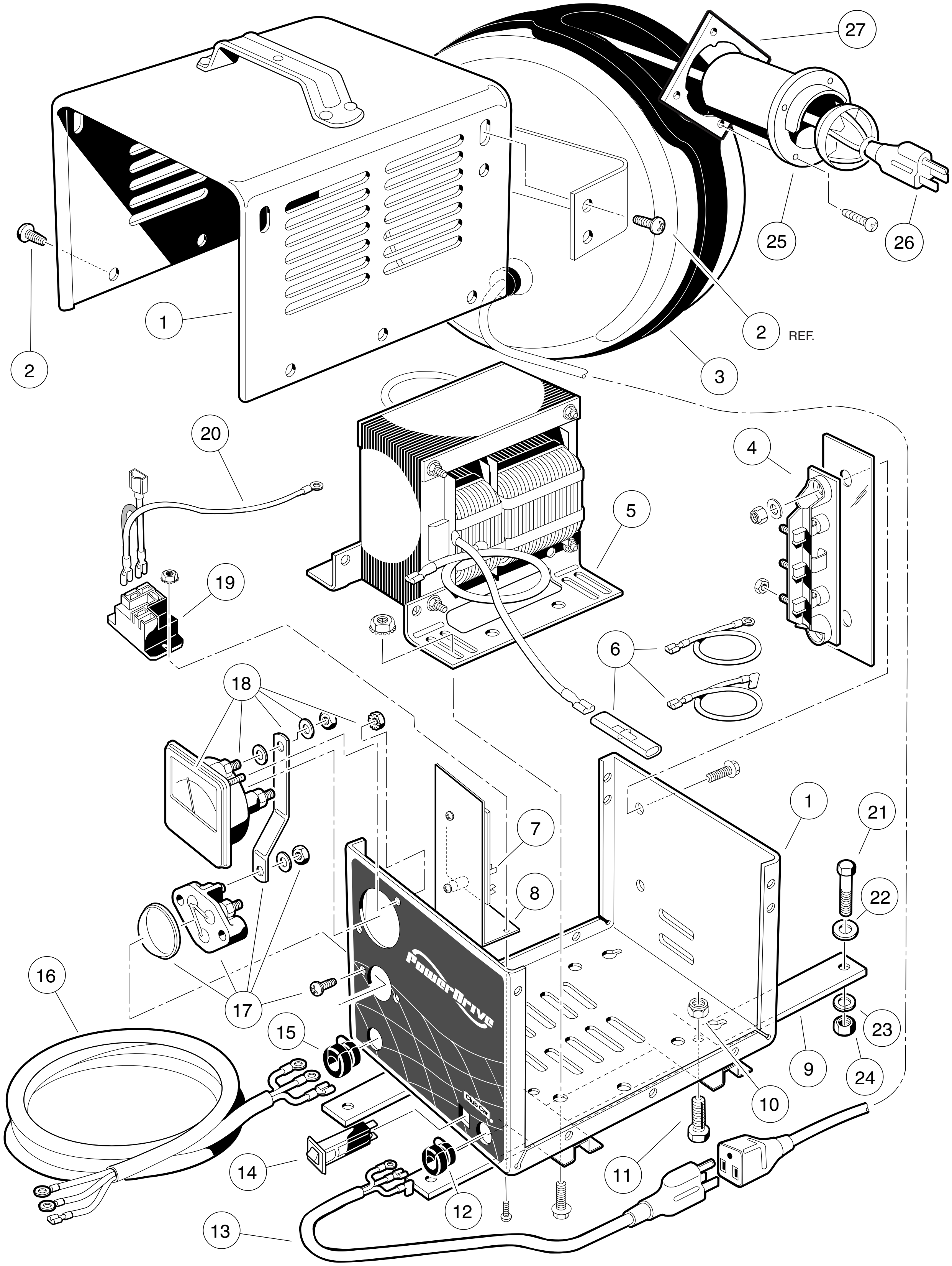
POWERDRIVE CHARGER, EXPORT – TURF/CARRYALL 1 AND 2

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101831503	Charger, Battery, PowerDrive, Export with 4-Position Switch 100 - 200 - 220 - 240 V AC, 48-V DC 50/60-Hz (model number 18780-11) (includes items 1 - 16) 103-inch DC cord with male 3-pin plug, 12-AWG 74-inch AC cord with no plug	1
	101831504	Charger, Battery, PowerDrive Export with 4-Position Switch 100 - 200 - 220 - 240 V AC, 48-V DC 50/60-Hz (model number 18780-18) (includes items 1 - 16) 144-inch DC cord with male 3-pin plug, 12-AWG 108-inch AC cord with no plug	1
1	N/A	Assembly, Case	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2	10
3	101838201	Assembly, Transformer	1
4	1015914	Assembly, Heatsink, with Diodes (includes mounting hardware)	1
5	101914401	Assembly, Voltage Suppressor	1
6	101838501	Kit, Wire Assembly	1
7	101828501	Ammeter (includes hardware)	1
8	101838301	Relay, Power, 48-V DC (includes mounting hardware)	1
9	101838701	Bracket, Power Relay Mounting	1
10	101838601	Switch, 4-Position Slide	1
11	101828901	Cordset, DC, 113-Inch Long with Male 3-Pin Plug, 12-AWG	1
11	101828902	Cordset, DC, 154-Inch Long with Male 3-Pin Plug, 12-AWG	1
11	101828903	Cordset, DC, 250-Inch Long with Male 3-Pin Plug, 12-AWG	1
12	1012101	Assembly, Fuse (includes hardware)	1
13	1012098	Bushing, Strain Relief, DC Cord, 12-AWG	1
14	101838401	Breaker, Circuit, 10-Amp	2
15	101831701	Cordset, AC, 80-Inch Long with Leads (no plug)	1
15	101831702	Cordset, AC, 116-Inch Long with Leads (no plug)	1
16	1015917	Bushing, Strain Relief, AC Cord	1


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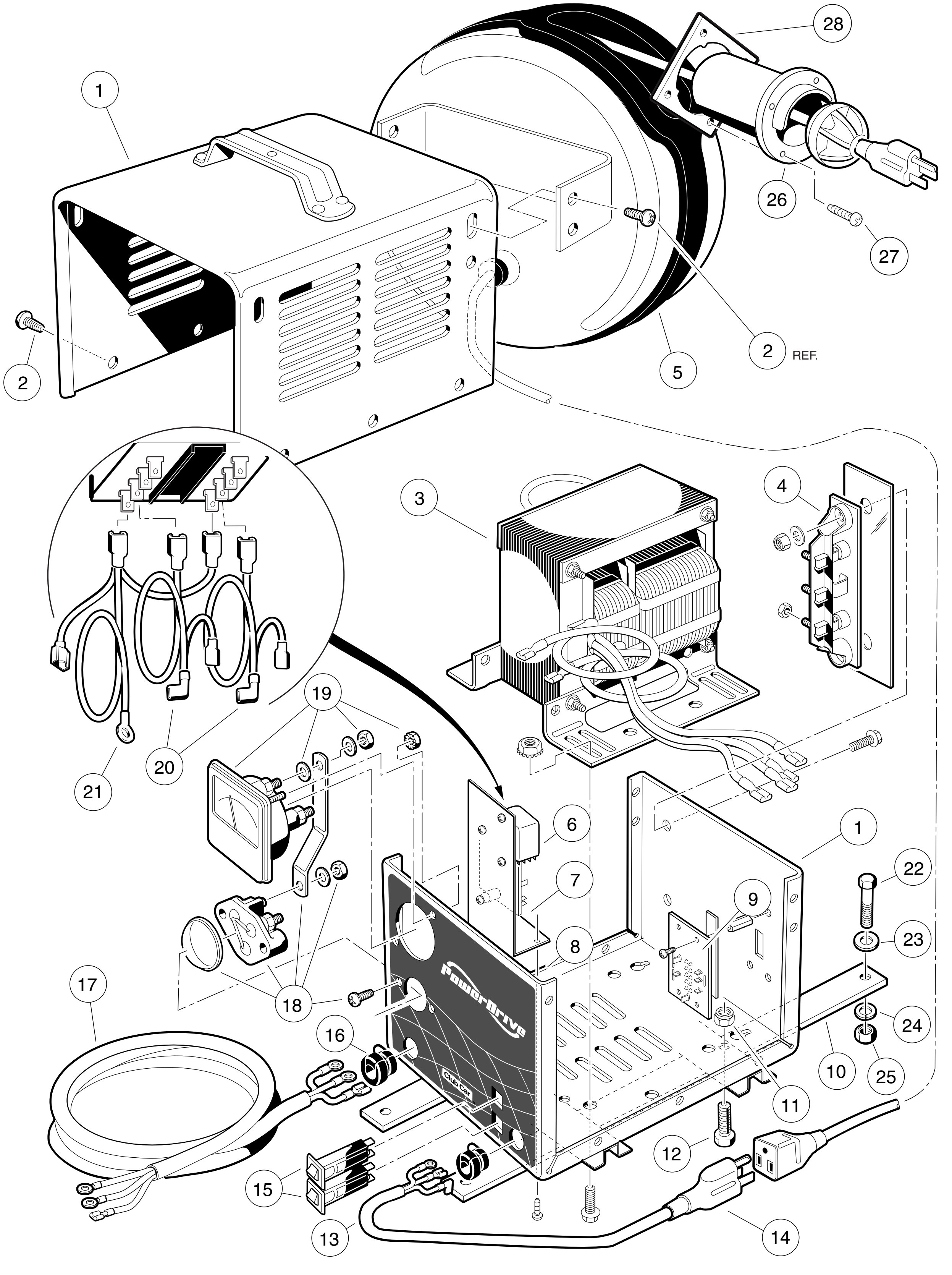
POWERDRIVE CHARGER, EUROPEAN – TURF/CARRYALL 1 AND 2

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101956201	Charger, Battery, PowerDrive, European with 4-Position Switch 100 - 200 - 220 - 240 V AC, 48-V DC 50/60-Hz (model number 20300) (includes items 1 - 15) 103-Inch (261 cm) DC Cord with Male 3-Pin Plug, 12-AWG	1
	101956202	Charger, Battery, PowerDrive European with 4-Position Switch 100 - 200 - 220 - 240 V AC, 48-V DC 50/60-Hz (model number 20310) (includes items 1 - 15) 144-Inch (366 cm) DC Cord with Male 3-Pin Plug, 12-AWG	1
1	N/A	Assembly, Case	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2	10
3	****	Assembly, Transformer	1
4	1015914	Assembly, Heatsink, with Diodes (includes mounting hardware)	1
5	****	Assembly, AC Voltage Suppressor	1
6	****	Kit, Wire Assembly	1
7	101976601	Ammeter (includes hardware)	1
8	101987501	Relay, Power, 48-V DC (includes mounting hardware)	1
9	101838601	Switch, 4-Position Slide	1
10	101828901	Cordset, DC, 103-Inch (261 cm) Long with Male 3-Pin Plug, 12-AWG	1
10	101828902	Cordset, DC, 144-Inch (366 cm) Long with Male 3-Pin Plug, 12-AWG	1
10	101828903	Cordset, DC, 250-Inch (635 cm) Long with Male 3-Pin Plug, 12-AWG	1
11	1012101	Assembly, Fuse (includes hardware)	1
12	1012098	Bushing, Strain Relief, DC Cord, 12-AWG	1
13	101838401	Breaker, Circuit, 10-Amp	2
14	101973501	Receptacle, AC Cord	1
15	****	Assembly, Current Limiter	1
16	101958301	Cordset, AC, Continental Europe, 96-Inch (244 cm) Long (with male 2-pin plug)	1
17	101958201	Cordset, AC, U.K., 96-Inch (244 cm) Long (with male 3-pin plug)	1
18	N/A	Wire, Jumper	1
	****	Special order item available upon request	


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PowerDrive

ONBOARD POWERDRIVE BATTERY CHARGER, DOMESTIC – CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101814301	Assembly, PowerDrive Battery Charger with Reel, Onboard 120-V AC, 48-V DC, 60-Hz (includes items 1 - 20)	1
	101802301	Assembly, PowerDrive Battery Charger, Onboard 120-V AC, 48-V DC, 60-Hz (includes items 1 - 2 and 4 - 20)	1
1	****	Assembly, Case (includes fasteners)	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2	12
3	1017187	Assembly, Retractable Cord Reel	1
4	1015914	Assembly, Heatsink, with Diodes (includes hardware)	1
5	101819701	Assembly, Transformer	1
6	101841701	Kit, Wire Assembly	1
7	101841901	Board, Control	1
8	101838701	Bracket, Relay and Reset Board Mounting	1
9	1011707	Bracket, Mounting	2
10	8233	Nut, Lock, 1/4-20	4
11	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4	4
12	1015917	Bushing, Strain Relief, AC Cord	1
13	101829001	Cordset, AC, 24 Inches Long, with Grounded Plug	1
14	CCX8506	Breaker, Circuit, 15-Amp, 120-V AC	1
15	1012098	Bushing, Strain Relief, DC Cord, 12-AWG	1
16	101829101	Cordset, DC, 90 Inches Long, with Leads, 12-AWG	1
17	1012101	Assembly, Fuse (includes hardware)	1
18	101828501	Ammeter (includes hardware)	1
19	101828601	Relay, Power, 48-V DC	1
20	101914401	Assembly, Voltage Suppressor	1
21	7479	Screw, Hex-Head Cap, 1/4-20 x 1-1/4	4
22	1014306	Washer, Flat, 1/4	4
23	451	Washer, Lock, 1/4	4
24	1028	Nut, Hex, 1/4-20	4
25	1016673	Housing, Cord	1
26	8796	Screw, Phillips Head, #7 - 19 x 3/4	4
27	101801001	Plate, Receptacle Backing	1
	1017189	Shrink, Heat (1-1/2 inches x 4 feet) (not shown)*	A/R
		*Heat Shrink is available in 3-inch lengths, nonstandard.	
	****	Special order item available upon request.	


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PowerDrive
Club Car

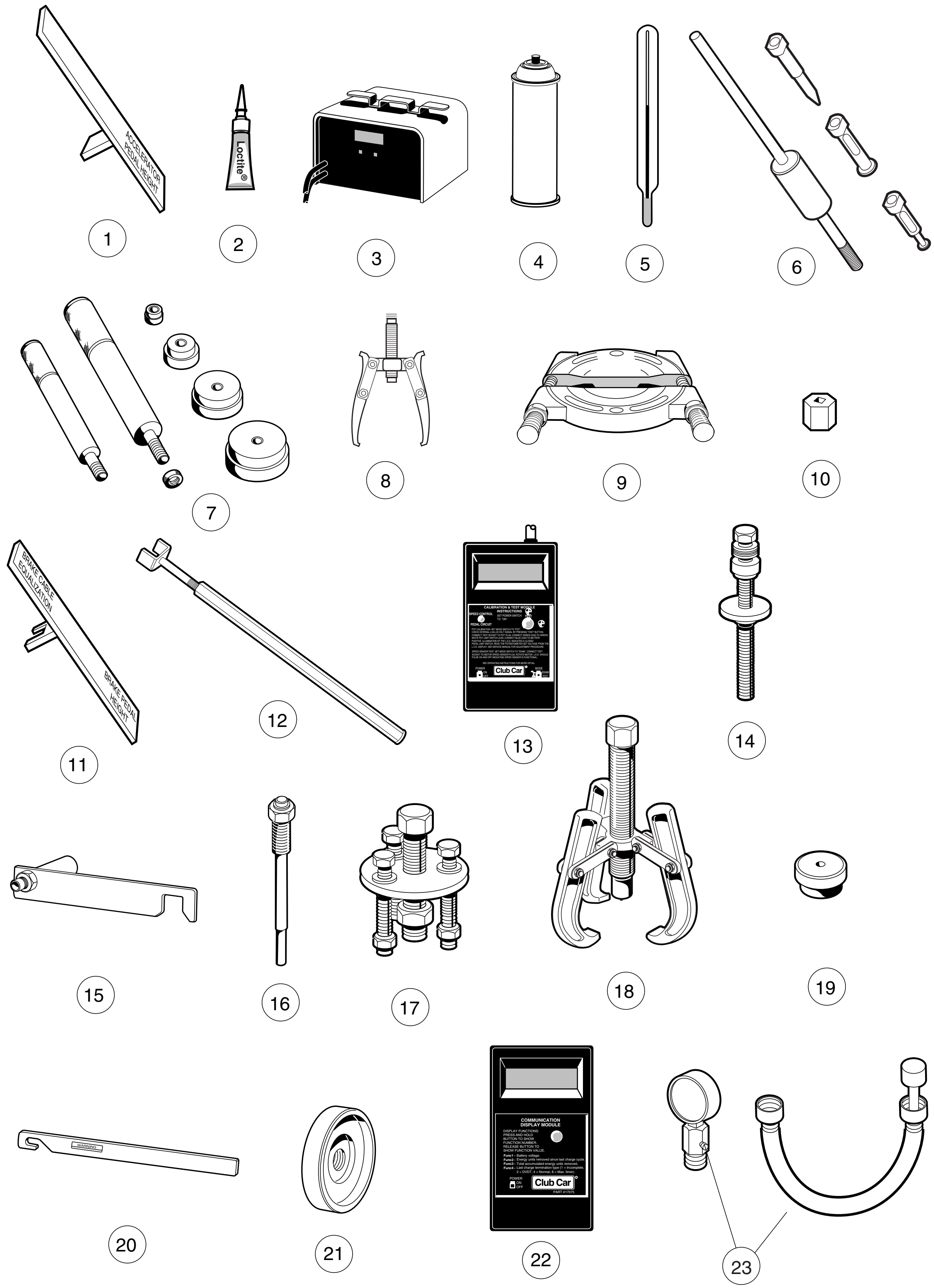
ONBOARD POWERDRIVE BATTERY CHARGER, EXPORT – CARRYALL 6

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	101814302	Assembly, PowerDrive Battery Charger with Reel, Onboard with 4-Position Switch, 100 - 200 - 220 - 240 V AC, 48-V DC, 50/60-Hz (includes items 1 - 21)	1
	101831601	Assembly, PowerDrive Battery Charger, Onboard with 4-Position Switch, 100 - 200 - 220 - 240 V AC, 48-V DC, 50/60-Hz (includes items 1 - 4 and 6 - 21)	1
1	****	Assembly, Case (includes fasteners)	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2	12
3	101838201	Assembly, Transformer	1
4	1015914	Assembly, Heatsink, with Diodes (includes mounting hardware)	1
5	1017187	Assembly, Retractable Cord Reel	1
6	101838301	Relay, Power (includes mounting hardware)	1
7	101841901	Board, Control	1
8	101838701	Bracket, Mounting, Relay and Reset Board	1
9	101838601	Switch, 4-Position Slide	1
10	1011707	Bracket, Mounting	2
11	8233	Nut, Lock, 1/4-20	4
12	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4	4
13	1015917	Bushing, Strain Relief, AC Cord	1
14	101829001	Cordset, AC, 3 x 1.5 mm x 24 Inches Long, with Grounded Plug	1
15	101838401	Breaker, Circuit, 10-AMP	2
16	1012098	Bushing, Strain Relief, DC Cord, 12-AWG	1
17	101829101	Cordset, DC, 90.5 Inches Long, with Leads, 12-AWG	1
18	1012101	Assembly, Fuse (includes hardware)	1
19	101828501	Ammeter (includes hardware)	1
20	101841801	Kit, Wire Assembly	1
21	101914401	Assembly, Voltage Suppressor	1
22	7479	Screw, Hex-Head Cap, 1/4-20 x 1-1/4	4
23	1014306	Washer, Flat, 1/4	4
24	451	Washer, Lock, 1/4	4
25	1028	Nut, Hex, 1/4-20	4
26	1016673	Housing, Cord	1
27	8796	Screw, Phillips Head, #7-19 x 3/4	4
28	101801001	Plate, Receptacle Backing	1
	1017189	Shrink, Heat (1-1/2 inches x 4 feet) (not shown)*	A/R
		*Heat shrink is available in 3-inch lengths, nonstandard.	
	****	Special order item available upon request.	

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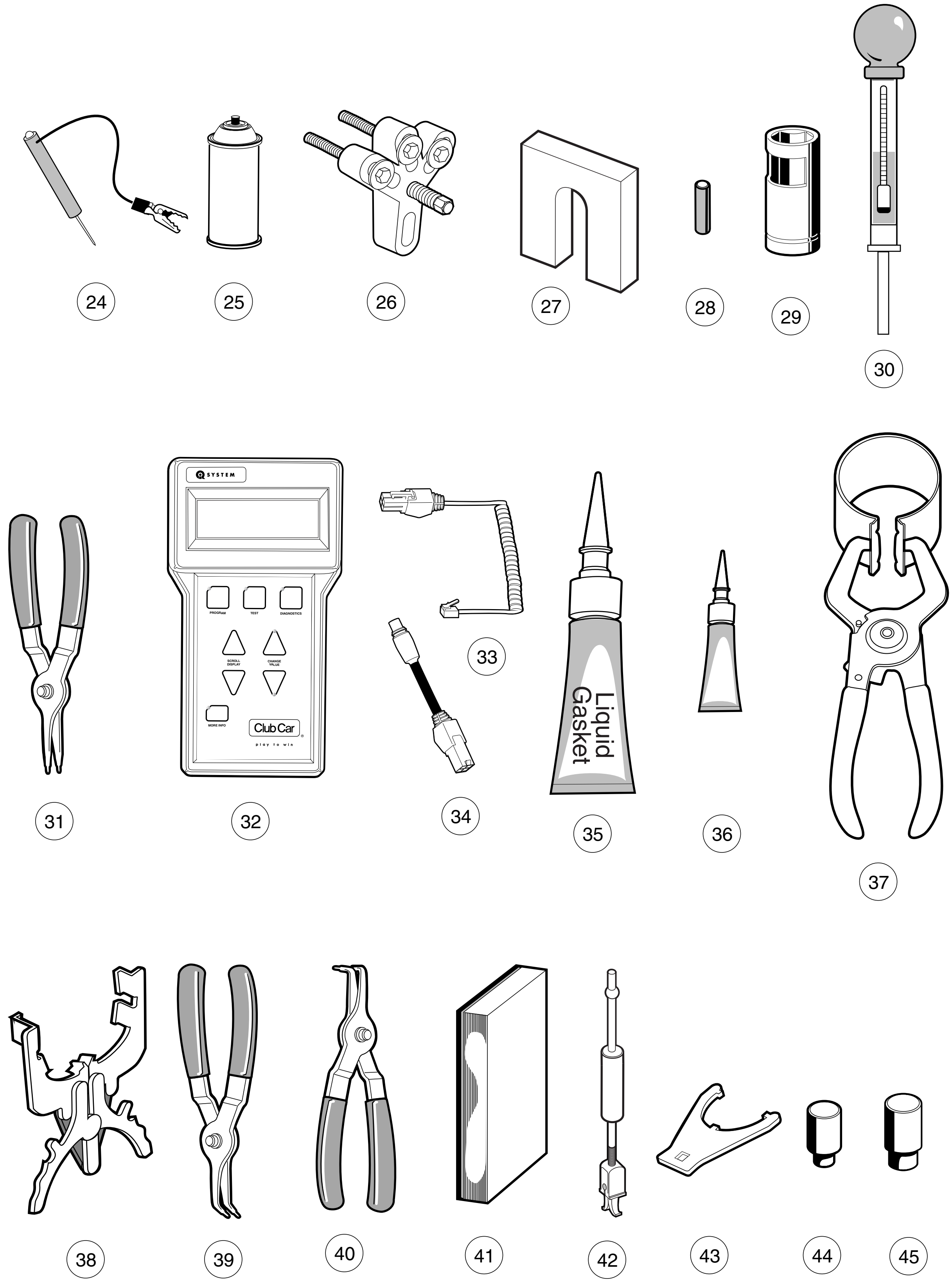
E

MAINTENANCE AND SERVICE TOOLS


ACCELERATOR PEDAL HEIGHT
Loctite®
BRAKE CABLE EQUALIZATION
BRAKE PEDAL HEIGHT
CALIBRATION & TEST MODULE
Club Car
COMMUNICATION DISPLAY MODULE
Club Car
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MAINTENANCE AND SERVICE TOOLS

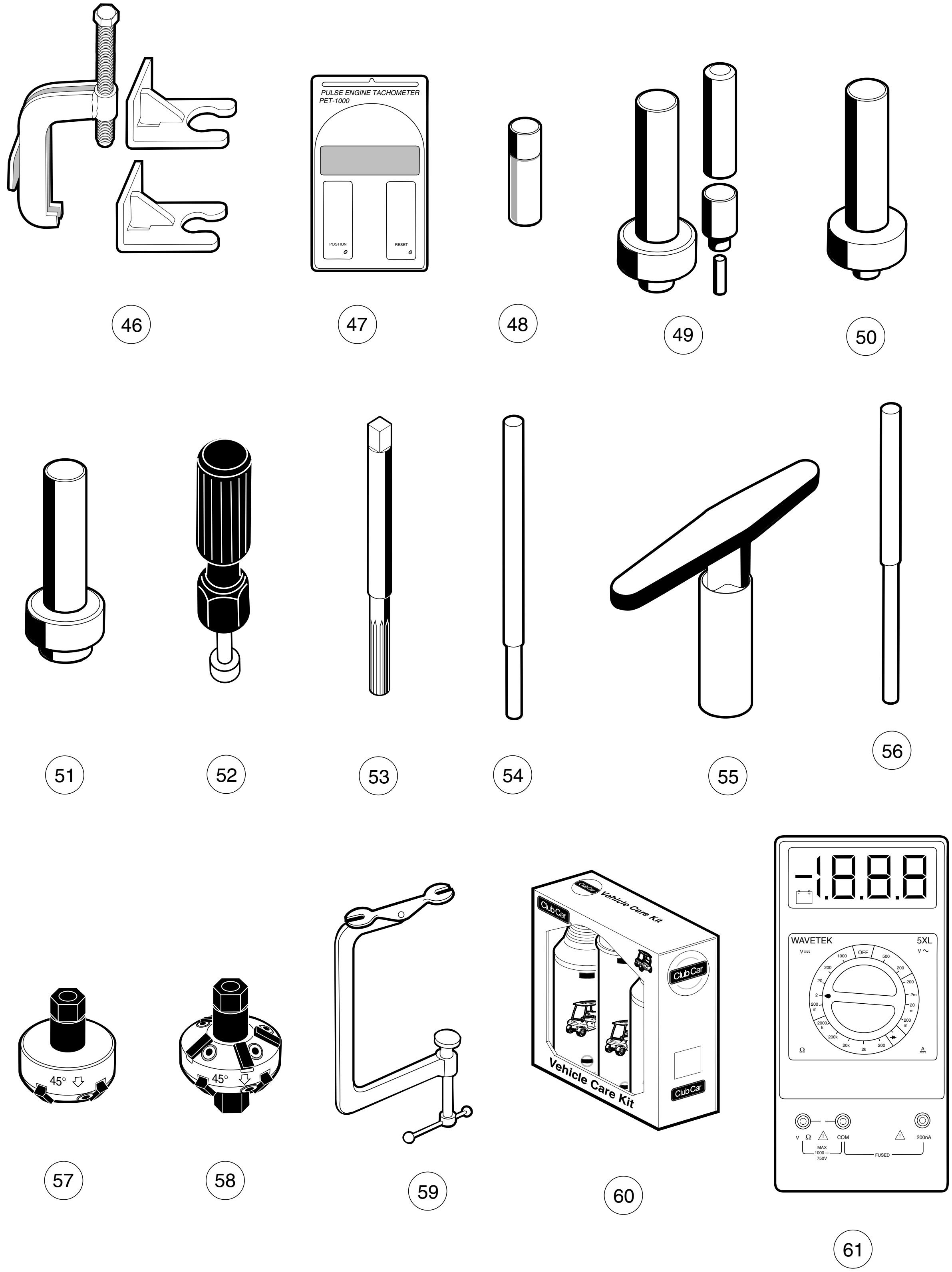
ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4 The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline and/or electric vehicles, both past and present models. Be sure to carefully examine the tool list for applicability to your vehicle before ordering.		
1	101871001	Accelerator Pedal Adjustment Tool	1	1
2	101813202	Adhesive, Guide Ring, 3-Gram Tube	1	1
3	101831901	Battery Discharge Machine, 36/48 Volt		1
4	1014305	Battery Terminal Protector Spray	1	1
5	1011767	Battery Thermometer		1
6	1016417	Bearing and Oil Seal Remover Assembly	1	1
7	1016416	Bearing Driver Set	1	1
8	1012811	Bearing Puller	1	1
9	1012812	Bearing Puller Wedge Attachment	1	1
10	1013582	Brake Adjustment Tool (used only on vehicles with manually adjusted mechanical brakes)	1	1
	102249901	Brake Pedal Adjustment Tool Kit (used for the Carryall electric industrial truck only) (includes items 11 and 12)		1
11	****	Brake Pedal Adjustment Tool		1
12	****	Brake Pedal Tension Tool		1
13	101887101	Calibration Test Module		1
14	101808401	Cam Installation Tool	1	
	1014510	Clutch Tool Kit (includes items 15 - 21)	1	
15	1014498	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year)	1	
16	1014496	Drive Clutch Puller	1	
17	1014497	Drive Clutch Hub Puller	1	
18	1014508	Driven Clutch Cam Puller	1	
19	1014507	Driven Clutch Puller Plug	1	
20	1015524	Drive Clutch Holder Tool Assembly	1	
21	101809101	Press Weldment	1	
22	101831801	Communication Display Module		1
23	101641002	Compression Gauge and Adapter	1	
		Please refer to the maintenance and service manual for proper tool application.		
	****	Special order item available upon request		


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SYSTEM
PROGRAM
TEST
DIAGNOSTICS
Club Car
Liquid Gasket

MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
24	1011273	Continuity Tester	1	1
25	1012151	Dry Moly Lubricant	1	1
26	1016627	Flywheel Puller Kit	1	
27	1016418	Gear Yoke	1	1
28	101933101	Governor Shaft Installation Tool	1	
29	102169401	Hydraulic Brake Adjuster (for vehicles equipped with hydraulic brakes)	1	
30	1011478	Hydrometer	1	1
31	1013593	Internal Retaining Ring Pliers	1	1
32	102248801	IQ Display Module (IQDM) Kit (for IQ System vehicles only) (includes items 33 and 34)		1
33	102241501	Cable, IQDM		1
34	102251501	Adapter, Cable		1
35	101928701	Liquid Gasket (transaxle case)	1	1
36	102243402	Moly-Teflon Lubricant (4-oz. (113-gram) tube)		1
37	1016414	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines)	1	
38	1016415	Piston Ring Pliers	1	
39	1012549	Retaining Ring Pliers, 45° External	1	1
40	1012560	Retaining Ring Pliers, 90° Internal	1	1
41	101823101	Safety First Card (50 per pack)	1	1
42	1012809	Seal Puller	1	1
43	102330901	Spanner Wrench (for coil over shock front suspension vehicles only)	1	
44	1014264	Steering Column Bearing Press Tool	1	1
45	1014259	Steering Column Retaining Ring Tool	1	1

Please refer to the maintenance and service manual for proper tool application.


PULSE ENGINE TACHOMETER
PET-1000
POSITION
RESET
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45°
Vehicle Care Kit
Club Car
WAVETEK
5XL
OFF
COM
FUSED
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC
		1 2 3 4		
46	102061201	Steering Wheel Puller Tool	1	1
47	1016112	Tachometer	1	
48	101997201	Paint, Touch-Up – Beige	1	1
48	101997202	Paint, Touch-Up – White	1	1
48	101997203	Paint, Touch-Up – Red	1	1
48	101997204	Paint, Touch-Up – Gray	1	1
48	101997205	Paint, Touch-Up – Dark Gray	1	1
48	101997206	Paint, Touch-Up – Royal Blue (Pacific Blue)	1	1
48	101997207	Paint, Touch-Up – Black	1	1
48	101997209	Paint, Touch-Up – Dark Green	1	1
48	101997211	Paint, Touch-Up – Classic Blue (Navy)	1	1
48	101997212	Paint, Touch-Up – Burgundy	1	1
49	1014115	Transmission Tool Kit	1	
50	1014161	Transaxle Pinion Seal Tool	1	
51	1014162	Transaxle Axle Seal Tool	1	
52	1016413	Valve Clearance Adjuster Screw Holder (for FE290 engines only)	1	
53	101641201	Valve Guide Reamer	1	
54	101641202	Arbor	1	
55	1016551	Valve Seat Cutter T-Wrench	1	
56	1016552	Valve Seat Cutter Guide	1	
57	1016553	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only)	1	
58	1016554	Valve Seat Cutter, 45°/30° (35 mm diameter)	1	
59	101641101	Valve Spring Compressor	1	
60	AM10021	Vehicle Care Kit	1	1
61	1011480	Volt Ohm Meter	1	1
62	101611003	Tune-Up Kit, All OHV (includes air filter, spark plug, oil filter, fuel filters) (not shown)	1	

Please refer to the maintenance and service manual for proper tool application.

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Part Number and *Page*

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- ☐ Golf Course Superintendent

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2. Ease of Finding Information	☐	☐	☐	☐	☐
3. Clarity of Illustrations	☐	☐	☐	☐	☐
4. Index Usability	☐	☐	☐	☐	☐

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Thank You!
Club Car Technical Publications Department

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